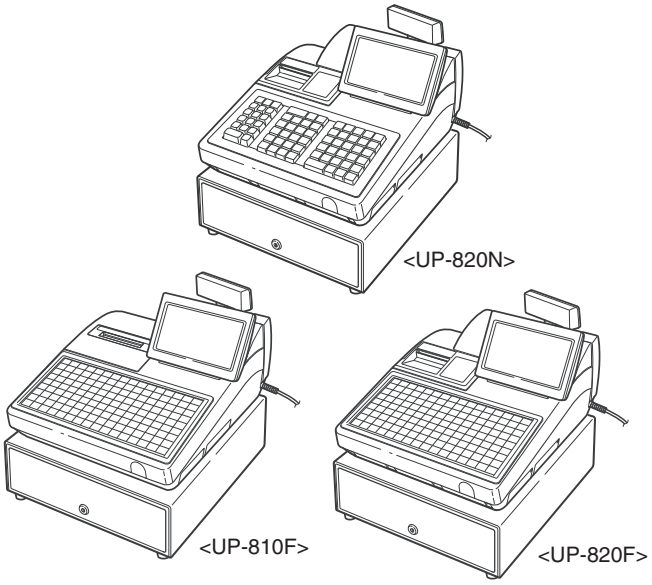
SHARP PROGRAMMING MANUAL

CODE : 00ZUP820FUPME



LEAD-FREE SOLDER MODEL

POS TERMINAL

MODEL UP-810F UP-820N UP-820F

(For "U" version)

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LEAD-FREE SOLDER

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Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

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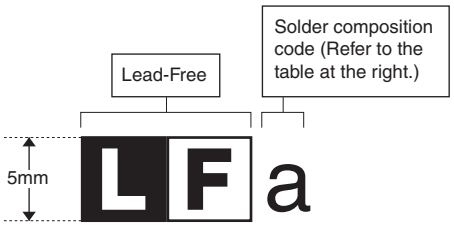
The contents are subject to change without notice.

■ LEAD-FREE SOLDER

The PWB' s of this model employs lead-free solder. The "LF" marks indicated on the PWB's and the Service Manual mean "Lead-Free" solder. The alphabet following the LF mark shows the kind of lead-free solder.

Example:



<Solder composition code of lead-free solder>

Solder composition	Solder composition code
Sn-Ag-Cu	a
Sn-Ag-Bi Sn-Ag-Bi-Cu	b
Sn-Zn-Bi	z
Sn-In-Ag-Bi	i
Sn-Cu-Ni	n
Sn-Ag-Sb	s
Bi-Sn-Ag-P Bi-Sn-Ag	p

(1) NOTE FOR THE USE OF LEAD-FREE SOLDER THREAD

When repairing a lead-free solder PWB, use lead-free solder thread. Never use conventional lead solder thread, which may cause a breakdown or an accident.

Since the melting point of lead-free solder thread is about 40°C higher than that of conventional lead solder thread, the use of the exclusive-use soldering iron is recomended.

(2) NOTE FOR SOLDERING WORK

Since the melting point of lead-free solder is about 220°C, which is about 40°C higher than that of conventional lead solder, and its soldering capacity is inferior to conventional one, it is apt to keep the soldering iron in contact with the PWB for longer time. This may cause lead separation or may exceed the heat-resistive temperature of components. Use enough care to separate the soldering iron from the PWB when completion of soldering is confirmed.

Since lead-free solder includes a greater quantity of tin, the iron tip may corrode easily. Turn ON/OFF the soldering iron power frequently.

If different-kind solder remains on the soldering iron tip, it is melted together with lead-free solder. To avoid this, clean the soldering iron tip after completion of soldering work.
If the soldering iron tip is discolored black during soldering work, clean
and file the tip with steel wool or a fine filer.

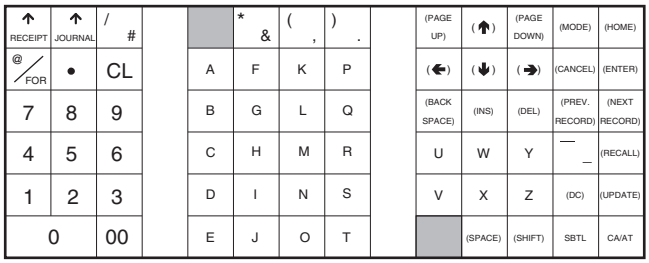
MAJOR KEYS USED IN THE SRV MODE

The following major keys are used in the SRV mode.

FUNCTION	KEY	DESRIPTION
CURSOR UP	↑	Moves cursor to up (1character)
CURSOR DOWN	↓	Moves cursor to down (1character)
CURSOR RIGHT	→	Moves cursor to right (1character)
CURSOR LEFT	←	Moves cursor to left (1character)
PAGE UP	PAGE UP	Moves cursor to up (1page)
PAGE DOWN	PAGE DOWN	Moves cursor to up (1page)
CLEAR	CL	Clear numeric entry or error message
CANCEL	CANCEL	Operaation cancel & back to previous menu.
ENTER	ENTER	Data entry
ALL ENTER	CA/AT	All entry terminate.
TOGGLE SELECT	●	Toggles between selections
SELECTABLE VALUE LIST	SBTL	Back to mode selection menu

KEYBOAD LAYOUT

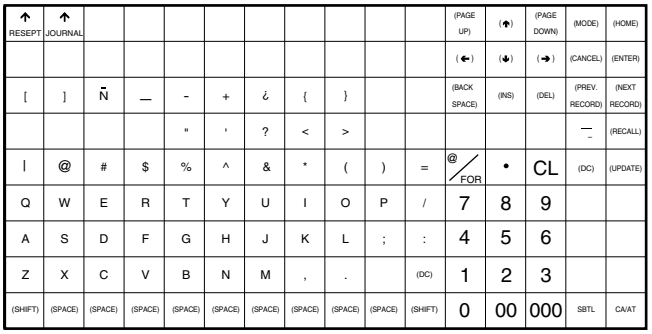
<UP-820N>



is not available for text preset key

Note: Free Key layout is available except Receipt and Journal paper feed key.

<UP-820F/UP-810F>



Note: Free Key layout is available except Receipt and Journal paper feed key.

CHAPTER 1. TOUCH PANEL CALIBRATION, MASTER RESET AND PROGRAM RESET

1. TOUCH PANEL CALIBRATION

1) Calibration is started at the following cases:

- Case1: When PROGRAM reset/MRS is performed with the touch panel pressed.
- Case2: When the calibration data held by the touch panel controller is broken.
  (However, if case 1 is performed prior to the second, calibration is not performed.)
- Case3: When the EEPROM on the touch panel PWB is replaced.

∗ If the touch panel unit is replaced for any reason such as a repair, start calibration, following case 1.

2) "Calibration Mode" is displayed.
Touch cross marks by the display guidance.

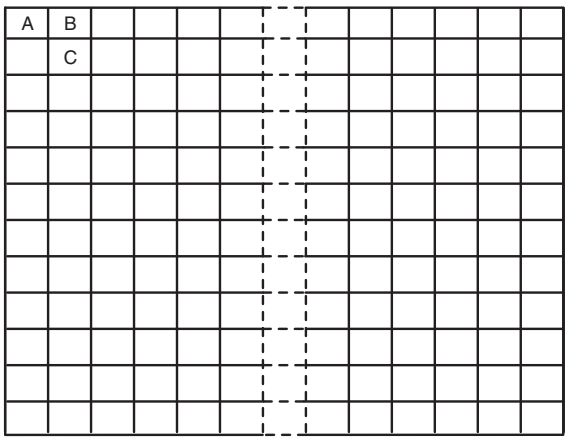
2. MASTER RESET (ALL MEMORY CLEAR)

[MRS1 key & MRS2 & MRS3 key]

Position of MRS1 & MRS2 & MRS3 key is as follows.
(It is located in the upper left corner)

MRS1 key : B key
MRS2 key : A and B key
MRS3 key : B and C key

Key board layout



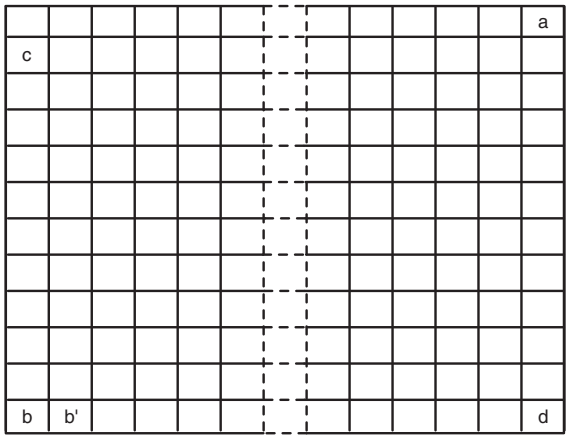
[Secret key operation]

This operation is used as password of MRS operation.
The following key sequence has to be entered after reset action.
If you operate wrong sequence then program reset is not performed.

a : The key located on right upper corner.
b : The key located on left lower corner. (Flat keyboard)
b': The key located on left lower corner. (Normal keyboard)
c : The key located on left upper corner.
d : The key located on right lower corner.

- a→b→c→d

Key board layout



[Master resetting]

Master resetting 1, 2 and 3 can be accomplished by using the following procedures.

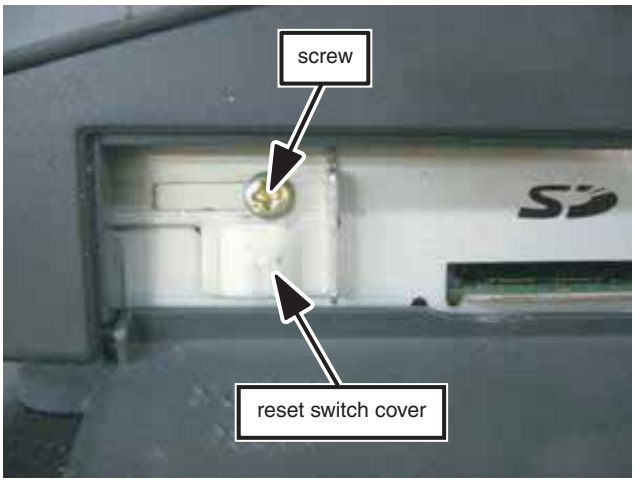
∗Meaning of reset switch “ON” & “OFF” positions are as follows.

ON position: The position that CKDC becomes active state (on the front side of the set, on the left side when facing the reset SW: Normal status.)

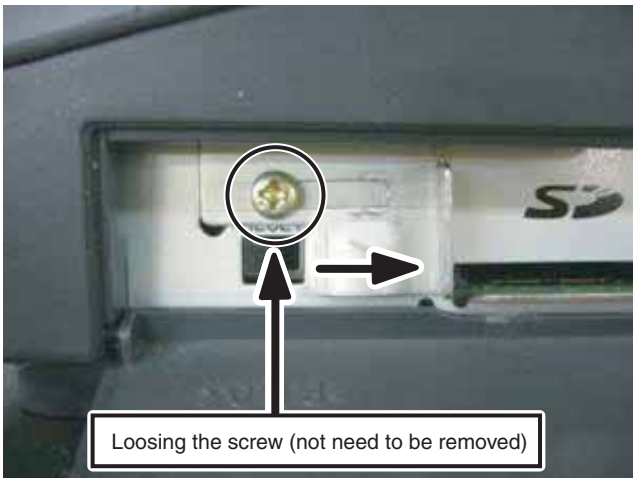
OFF position: The position that CKDC becomes reset state (on the back side of the set, on the right side when facing the reset SW: Reset status)

∗Procedure before the reset switch operation.

Reset switch cover is fixed as below.



Reset switch cover can be operated after loosing screw and sliding reset switch cover to the right



There are three possible methods to perform a master reset.

(1) MRS-1

Clears the entire memory and resumes initial values.

Procedure :

1) Set the reset switch to OFF position.
2) Press and hold the MRS1 key and the reset switch move to ON position.
3) And then, enter the secret key operation.

(2) MRS-2

Clears the entire memory and resumes initial values. (Master resetting 2 enables the layout of fixed keys in addition to master resetting 1.)

Procedure :

1) Set the reset switch to OFF position.
2) Press and hold the MRS2 key and the reset switch move to ON position.
3) And then, enter the secret key operation.

Program the 0 to 9 keys, 00 key, 000 key, decimal point key, CL key, X key, SBTL key, MODE key, cursor keys, HOME key, and CANCEL key and ENTER key and CA/AT key in this sequence.
(This means that the key first pressed is programmed as the 0 key, the key pressed second as 1 key ---- and the last key pressed as the CA/AT key.)
To inhibit a particular key, press the 0 key at the point when that key should be programmed.

(3) MRS-3

Master resetting 3 requires the entry of Serial No. in addition to master resetting 2.

Procedure :

1) Set the reset switch to OFF position.
2) Press and hold the MRS3 key and the reset switch move to ON position.
3) And then, enter the secret key operation.

After MRS3 key operation is made, serial No. entry will be prompted.

And then key layout programming will be prompted.

After complete the MRS3, following operations and programming will be inhibited.

- GT programming.
- GT resets with Z report. (Z report can be made, but GT will not be reset.)
- Specified memory (Serial no.) cannot be changed by All Memory Download.

3. PROGRAM RESETTING (INITIALIZATION)

Set the reset switch to OFF position.
And the reset switch move to ON position without any key pressing.

This resetting resumes the initial program without clearing memory.

CHAPTER 2. READING OF SRV MODE PROGRAM

[How to enter SRV mode]

Operator can enter the SRV-mode by program reset operation.

Please refer to “Program resetting” about program reset operation

Perform the programming following the procedure shown below.

Data entry : (Data*) --> ENTER or CA/AT

Exit : CANCEL

* See the descriptions of respective programming procedures for job code and data.

[Printing of program reports]

Select the menu for the program reports.

[List of program reports]

Report name
SRV-mode program full item report [#900] (SYSTEM PRESET report) (not incl. keyboard layout)
Device config program reading report [#945] (DEVICE CONFIG report)
Keyboard layout report [#950] (KEYBOARD LAYOURT report)
Home menu display layout report [#952] (HOME MENU DISP. report)
SRV -file programming report. [#970] (FILE report)

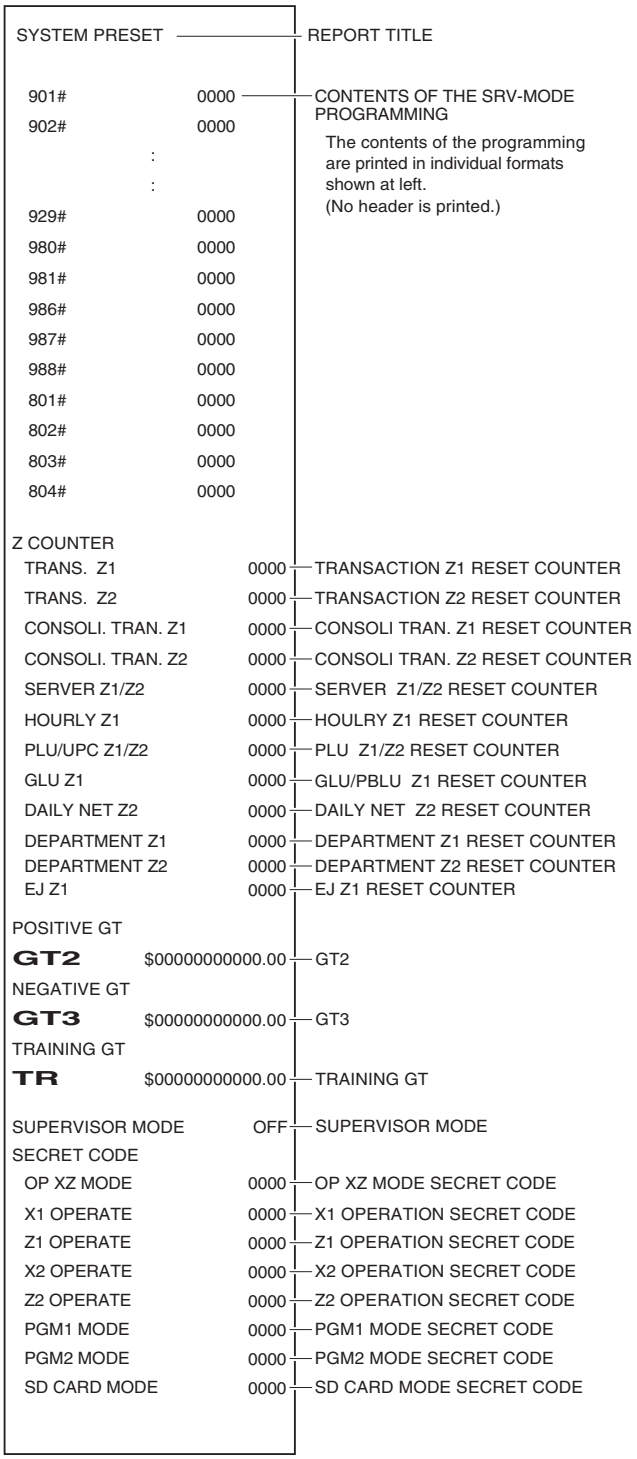
The program reports can be printed in the SRV mode.

Each program report is printed on report and journal printer. (REPORT PRINTER is assigned by #945 programming)

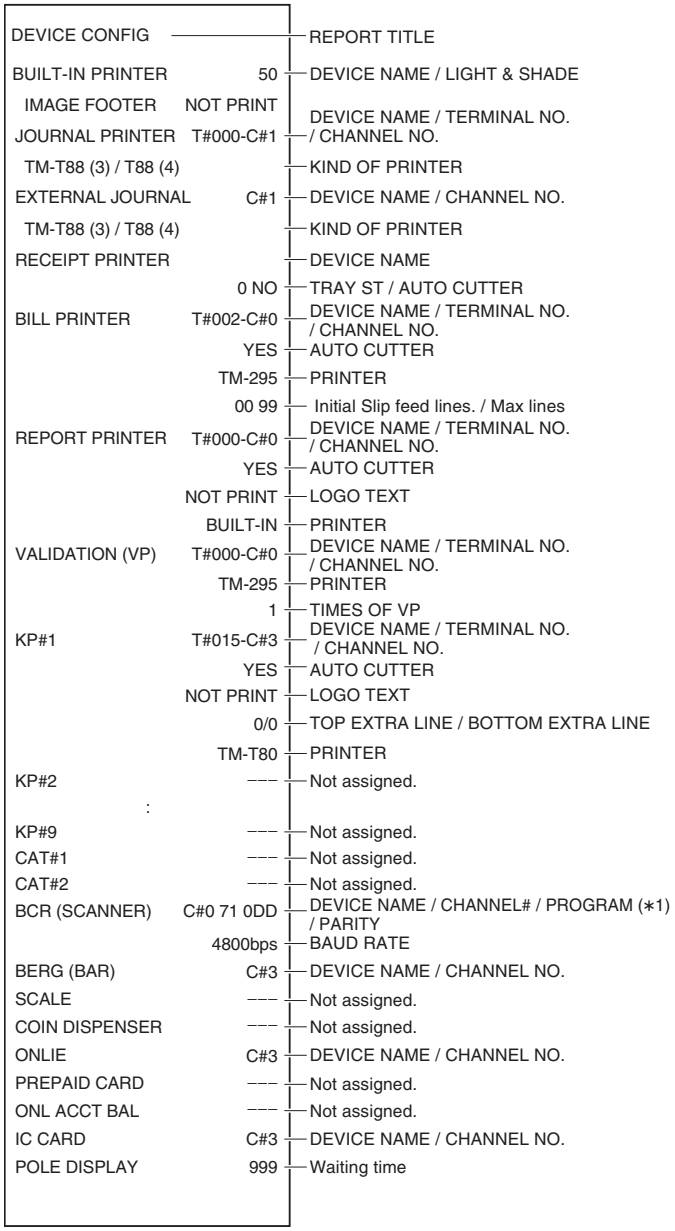
The program report cannot be printed on the slip printer.

▶ SAMPLE OF PROGRAM REPORTS

1. [SYSTEM PRESET]

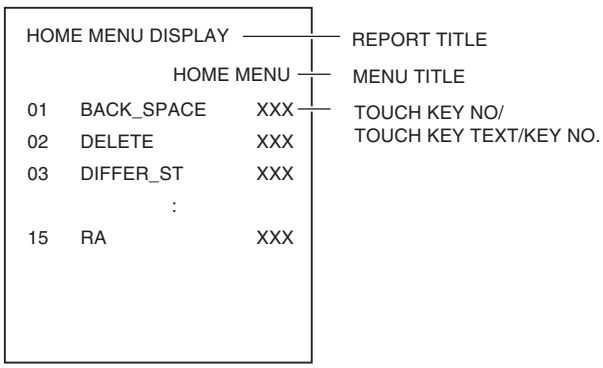

SYSTEM PRESET
REPORT TITLE
901# 0000
902# 0000
929# 0000
980# 0000
981# 0000
986# 0000
987# 0000
988# 0000
801# 0000
802# 0000
803# 0000
804# 0000
CONTENTS OF THE SRV-MODE PROGRAMMING
The contents of the programming are printed in individual formats shown at left.
(No header is printed.)
Z COUNTER
TRANS. Z1 0000 TRANSACTION Z1 RESET COUNTER
TRANS. Z2 0000 TRANSACTION Z2 RESET COUNTER
CONSOLI. TRAN. Z1 0000 CONSOLI TRAN. Z1 RESET COUNTER
CONSOLI. TRAN. Z2 0000 CONSOLI TRAN. Z2 RESET COUNTER
SERVER Z1/Z2 0000 SERVER Z1/Z2 RESET COUNTER
HOURLY Z1 0000 HOULRY Z1 RESET COUNTER
PLU/UPC Z1/Z2 0000 PLU Z1/Z2 RESET COUNTER
GLU Z1 0000 GLU/PBLU Z1 RESET COUNTER
DAILY NET Z2 0000 DAILY NET Z2 RESET COUNTER
DEPARTMENT Z1 0000 DEPARTMENT Z1 RESET COUNTER
DEPARTMENT Z2 0000 DEPARTMENT Z2 RESET COUNTER
EJ Z1 0000 EJ Z1 RESET COUNTER
POSITIVE GT
GT2 $00000000000.00 GT2
NEGATIVE GT
GT3 $00000000000.00 GT3
TRAINING GT
TR $00000000000.00 TRAINING GT
SUPERVISOR MODE OFF SUPERVISOR MODE
SECRET CODE
OP XZ MODE 0000 OP XZ MODE SECRET CODE
X1 OPERATE 0000 X1 OPERATION SECRET CODE
Z1 OPERATE 0000 Z1 OPERATION SECRET CODE
X2 OPERATE 0000 X2 OPERATION SECRET CODE
Z2 OPERATE 0000 Z2 OPERATION SECRET CODE
PGM1 MODE 0000 PGM1 MODE SECRET CODE
PGM2 MODE 0000 PGM2 MODE SECRET CODE
SD CARD MODE 0000 SD CARD MODE SECRET CODE

2. [DEVICE CONFIG]

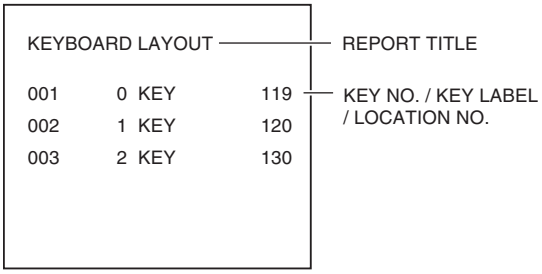

DEVICE CONFIG — REPORT TITLE
BUILT-IN PRINTER 50 — DEVICE NAME / LIGHT & SHADE
IMAGE FOOTER NOT PRINT
JOURNAL PRINTER T#000-C#1 — DEVICE NAME / TERMINAL NO. / CHANNEL NO.
TM-T88 (3) / T88 (4) — KIND OF PRINTER
EXTERNAL JOURNAL C#1 — DEVICE NAME / CHANNEL NO.
TM-T88 (3) / T88 (4) — KIND OF PRINTER
RECEIPT PRINTER — DEVICE NAME
0 NO — TRAY ST / AUTO CUTTER
BILL PRINTER T#002-C#0 — DEVICE NAME / TERMINAL NO. / CHANNEL NO.
YES — AUTO CUTTER
TM-295 — PRINTER
00 99 — Initial Slip feed lines. / Max lines
REPORT PRINTER T#000-C#0 — DEVICE NAME / TERMINAL NO. / CHANNEL NO.
YES — AUTO CUTTER
NOT PRINT — LOGO TEXT
BUILT-IN — PRINTER
VALIDATION (VP) T#000-C#0 — DEVICE NAME / TERMINAL NO. / CHANNEL NO.
TM-295 — PRINTER
1 — TIMES OF VP
KP#1 T#015-C#3 — DEVICE NAME / TERMINAL NO. / CHANNEL NO.
YES — AUTO CUTTER
NOT PRINT — LOGO TEXT
0/0 — TOP EXTRA LINE / BOTTOM EXTRA LINE
TM-T80 — PRINTER
KP#2 --- — Not assigned.
:
KP#9 --- — Not assigned.
CAT#1 --- — Not assigned.
CAT#2 --- — Not assigned.
BCR (SCANNER) C#0 71 0DD — DEVICE NAME / CHANNEL# / PROGRAM (∗1) / PARITY
4800bps — BAUD RATE
BERG (BAR) C#3 — DEVICE NAME / CHANNEL NO.
SCALE --- — Not assigned.
COIN DISPENSER --- — Not assigned.
ONLIE C#3 — DEVICE NAME / CHANNEL NO.
PREPAID CARD --- — Not assigned.
ONL ACCT BAL --- — Not assigned.
IC CARD C#3 — DEVICE NAME / CHANNEL NO.
POLE DISPLAY 999 — Waiting time

∗1: PROGRAM
a: Data Bit 7Bits/8Bits
b: Stop Bit 1Bits/2Bits

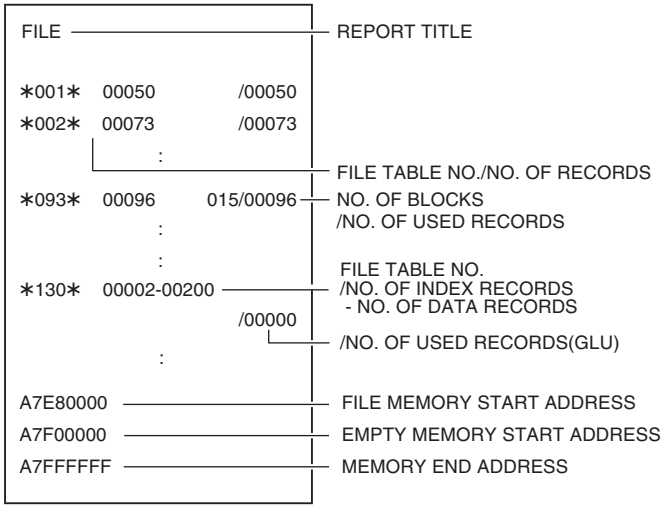
3. [HOME MENU DISPLAY LAYOUT REPORT]


HOME MENU DISPLAY — REPORT TITLE
HOME MENU — MENU TITLE
01 BACK_SPACE XXX — TOUCH KEY NO/ TOUCH KEY TEXT/KEY NO.
02 DELETE XXX
03 DIFFER_ST XXX
:
15 RA XXX

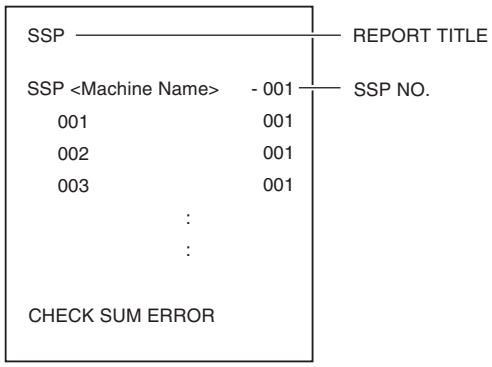
4. [KEYBOARD LAYOUT REPORT]



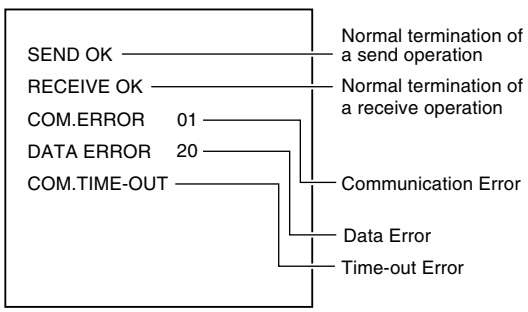
5. [FILE]


FILE — REPORT TITLE
∗001∗ 00050 /00050
∗002∗ 00073 /00073
:
FILE TABLE NO./NO. OF RECORDS
∗093∗ 00096 015/00096 — NO. OF BLOCKS /NO. OF USED RECORDS
:
:
∗130∗ 00002-00200 — FILE TABLE NO. /NO. OF INDEX RECORDS - NO. OF DATA RECORDS
/00000 — /NO. OF USED RECORDS(GLU)
:
A7E80000 — FILE MEMORY START ADDRESS
A7F00000 — EMPTY MEMORY START ADDRESS
A7FFFFFF — MEMORY END ADDRESS

6. [SSP]



7. [BACKUP DATA interface]



CHAPTER 3. SRV MODE PROGRAMMING (“SETTING”)

[JOB LIST]

Report name
1. Device assignment (Config) [#945]
2. SRV-mode programming [#800 - 804 / #901 - 929 / #980 - 988]
3. Free keyboard layout [#950]
4. Key Initial [#951]
5. HOME Menu Display [#952]
6. Programming of the Z report counter [#930 - 941]
7. Programming of GT1 and GT2 [#942 - 943]
8. Programming of PGM2-mode secret codes [#944]
9. SRV file programming [#971]
10. Supervisor mode ON/OFF [#985]
11. Memory initialize (Except GT memory) [#989]
12. BACKUP Data send/receive [#996, 998]
13. Maintenance Data Restriction by Account [#850]

1. DEVICE ASSIGNMENT (CONFIG) [JOB #945]

CONFIGURATION FOR FOLLOWING PRINTERS AND PERIPHERALS.

TEXT	
BUILT-IN PRINTER	CAT#2
JOURNAL PRINTER	PIN PAD
EXTERNAL JOURNAL	BCR (SCANNER)
RECEIPT PRINTER	BERG (BAR)
BILL PRINTER	SCALE
REPORT PRINTER	COIN DISPENSER
VALIDATION (VP)	ONLINE
KP#1	PREPAID CARD
:	ONL ACCT BAL
KP#9	IC CARD
CAT#1	POLE DISPLAY

DEVICE CONFIG - 1. BUILT IN PRINTER

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
LIGHT&SHADE	Light & shade of printing	00-99	50	00= 75% for standard 50= 100% <Standard> 99= 125% for standard
IMAGE FOOTER	Footer Graphic LOGO print	NOT PRINT	NOT PRINT	
		PRINT		

DEVICE CONFIG - 2. JOURNAL PRINTER

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
TERMINAL#	Terminal Number	0-254	0	0: SELF TERMINAL No. This means local device. 1 - 254: (EXCEPT SELF TERMINAL NO.) This means re-routed device. Re-routing programming is only valid for printer.
CHANNEL#	Channel Number	0 - 4	0	"0" means no RS-232 channel is assigned.
PRINTER	Kind of printer	TM-T88 (3)/ T88 (4)	UP-820: BUILT-IN UP-810: TM-T88 (3) /T88 (4)	About the usage of TM-T88 (3): POS dose not use the Graphic LOGO function with the journal printer function.
		TM-U220/230		
		BUILT-IN		
		TM-T90		

DEVICE CONFIG - 3. EXTERNAL JOURNAL

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
CHANNEL#	Channel Number	0 - 4	0	"0" means no RS-232 channel is assigned.
PRINTER	Kind of printer	TM-T88 (3)/ T88 (4)	TM-T88 (3) /T88 (4)	About the usage of TM-T88 (3): POS dose not use the Graphic LOGO function with the journal printer function.
		TM-U220/230		
		TM-T90		

∗ External Journal cannot print if program on same channel with other printer (Journal, Receipt, Report printer, etc).

DEVICE CONFIG - 4. RECEIPT PRINTER

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
AUTO CUTTER	Auto cutter	YES	YES	
		NO		
TRAY ST FEED#	Tray ST feed line	0 - 9	0	Only receipt printer's programming.

∗ Receipt prints each data at "Buffering". Receipt printer is fixed to "Built-in printer".

DEVICE CONFIG - 5. BILL PRINTER

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
TERMINAL#	Terminal No.	000 - 254	000	000 : Self terminal No. This means local device. 1-254: Except self terminal No. This means re-routed device. Re-routing programming is only valid for printer.
CHANNEL#	Channel No.	0 - 4	0	0: No RS-232 channel is assigned.
PRINTER	Kind of printer	TM-295 (EPSON)	TM-295 (EPSON)	
		TM-T88 (3) / T88 (4)		
		TM-T88 (3) / T88 (4)+LOGO		
		TM-U220/U230		
		BUILT-IN		
		TM-T90		
AUTO CUTTER	Auto cutter	YES	NO	This item is not valid for TM-295
		NO		
INITIAL FEED#	Initial SLIP feed line number	00 - 64	00	This item is not valid for TM-295
SLIP MAX LINE	Slip print maximum line No.	00 - 99	99	This item is not valid for TM-295

DEVICE CONFIG - 6. REPORT PRINTER

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
TERMINAL#	Terminal No.	000 - 254	000	000 : Self terminal No. This means local device. 1-254: Except self terminal No. This means re-routed device. Re-routing programming is only valid for remote printer.
CHANNEL#	Channel No.	0 - 4	0	0: No RS-232 channel is assigned.
PRINTER	Kind of printer	BUILT-IN	BUILT-IN	The printing method is according to “BUILT-IN PRINTER” programming.
		TM-T88 (3) / T88 (4)		
		TM-U220/U230		
		TM-T90		
AUTO CUTTER	Auto cutter	YES	YES	
		NO		
LOGO TEXT	Logo Text Print	NOT PRINT	PRINT	
		PRINT		

DEVICE CONFIG - 7. VALIDATION (VP)

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
TERMINAL#	Terminal No.	000 - 254	000	000 : Self terminal No. This means local device. 1-254: Except self terminal No. This means re-routed device. Re-routing programming is only valid for remote printer.
CHANNEL#	Channel No.	0 - 4	0	0: No RS-232 channel is assigned.
PRINTER	Kind of printer	TM-295 (EPSON)	TM-295 (EPSON)	
VP TIMES	No. of times of Validation print	0 - 9	1	This item is valid only for TM-295.

DEVICE CONFIG - 8. KP#1 - KP#9

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
TERMINAL#	Terminal No.	000 - 254	000	000 : Self terminal No. This means local device. 1-254: Except self terminal No. This means re-routed device. Re-routing programming is only valid for remote printer.
CHANNEL#	Channel No.	0 - 4	0	0: No RS-232 channel is assigned.
PRINTER	Kind of printer	BUILT-IN	TM-T88 (3)/ T88 (4)	
		TM-T88 (3)/ T88 (4)		
		TM-U220/230		
		TM-T90		
AUTO CUTTER	Auto cutter	YES	NO	
		NO		
LOGO TEXT	Logo text Print	NOT PRINT	NOT PRINT	LOGO TEXT and its format is same as RECEIPT. If a printer is set as “TM-T88 (3) / 88 (4)”, its STAMP can be printed.
		PRINT		
TOP EXTRA LINE	Top line feed	0 - 9	0	
BOTTOM EXTRA LINE	Bottom line feed	0 - 9	0	

DEVICE CONFIG - 9. CAT#1 / CAT#2 / PIN PAD

Details are omitted.

DEVICE CONFIG - 10. BCR (SCANNER)

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
CHANNEL#	Channel No.	0 - 4	0	0: No RS-232 channel is assigned.
BAUD RATE	Transmission speed	4800 bps	4800 bps	
		9600 bps		
		19200 bps		
DATA BITS	Data bit	7 Bits	7 Bits	
		8 Bits		
PARITY	Parity bit	NON	ODD	
		EVEN		
		ODD		
STOP BIT	Stop bit	2 Bits	1 Bit	
		1 Bit		

∗ ER-A61HS1 setting : “BAUD RATE = 4800 bps” , “DATA BITS = 7Bits”, “PARITY = ODD”, “STOP BIT = 1Bit”

DEVICE CONFIG - 11. BERG (BAR) / SCALE / COIN DISPENSER / ONLINE

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
CHANNEL#	Channel No.	0 - 4	0	0: No RS-232 channel is assigned.

DEVICE CONFIG - 12. PERPAID CARD / ONL ACCT BAL

Details are omitted.

DEVICE CONFIG - 13. IC CARD

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
CHANNEL#	Channel No.	0 - 4	0	0: No RS-232 channel is assigned.

DEVICE CONFIG - 14. POLE DISPLAY

DISPLAY	CONTENTS	SELECT ITEM	MRS	NOTE
WAITING TIME	Waiting time until message is displayed on POLE.	0 - 999	0	3 digits (0 to 999 seconds) 0 (No display)

2. SYSTEM PRESET (SRV-MODE PROGRAMMING)

[JOB#801] : MRS=0000 (Not used)

[JOB#802] : MRS=0000

802-A, B : Not used (Fixed at “00”)

802-C: 1. An object of auto combo price level

1. An object of auto combo price level	802-C	Flat	Normal
Level 1 - 6	0 - 5	0	0

802-D : Not used (Fixed at “0”)

[JOB#803] : MRS=0000

803-A: 1. Overing entry is prompted at CCD

1. Overing entry is prompted at CCD	803-A	Flat	Normal
No	0	★	★
Yes	1		

803-B, C, D : Not used (Fixed at “000”)

[JOB#804] : MRS=0000

802-A, B : Not used (Fixed at “00”)

802-C: 1. Taxable SUBTOTAL5 (X/Z)
2. Gross TAX5, Refund TAX5 total (X/Z)
3. Net TAX5 total (X/Z)

1. Taxable SUBTOTAL5 (X/Z)	2. Gross TAX5, Refund TAX5 total (X/Z)	3. Net TAX5 total (X/Z)	804-C	Flat	Normal
Printed	Printed	Printed	0	★	★
		Not printed	1		
	Not printed	Printed	2		
		Not printed	3		
Not printed	Printed	Printed	4		
		Not printed	5		
	Not printed	Printed	6		
		Not printed	7		

802-D : Not used (Fixed at “0”)

[JOB#901] : MRS=0002

901-A : Not used (Fixed at “0”)

901-B: 1. Tax system

1. Tax system	901-B	Flat	Normal
Auto tax 1-5 & Manual tax	0	★	★
Canadian tax (TYPE1 to TYPE10)	6		
Canadian tax (TYPE11 VAT ON VAT)	7		

901-C : Not used (Fixed at “0”)

901-D: 1. TAB setting

1. TAB setting	901-D	Flat	Normal
0	0		
0.0	1		
0.00	2	★	★
0.000	3		

[JOB#902] : MRS = 0000 (Flat)
0040 (Normal)

902-A: 1. In-line system

1. In-line system	902-A	Flat	Normal
No	0	★	★
Yes	1		

902-B: 1. Gift reload command to DataTran
2. REF# and AP code entry at Gift Sales in VOID

1. Gift reload command to DataTran	2. REF# and AP code entry at Gift Sales in VOID	902-B	Flat	Normal
AT&UM8	Compulsory	0	★	★
	Not compulsory	2		
AT&UM20	Compulsory	4		
	Not compulsory	6		

902-C: 1. Display format of operator display (LCD)
2. Gift Card Sales command for DataTran

1. Display format of operator display (LCD)	2. Gift Card Sales command for DataTran	902-C	Flat	Normal
GLU MODE	AT&UM4	0	★	
	AT&UM5	1		
CHECK OUT MODE	AT&UM4	4		★
	AT&UM5	5		

902-D : Not used (Fixed at “0”)

[JOB#903] : MRS = 6000 (Flat)
6003 (Normal)

903-A: 1. IR (POS data copy) baud rate (bps)

1. IR (POS data copy) baud rate (bps)	903-A	Flat	Normal
2400	2		
4800	3		
9600	4		
19200	5		
38400	6	★	★

903-B: 1. Symbol of scale entry
2. Printing Gift Card No. at Gift Purchase Active and Reload

1. Symbol of scale entry	2. Printing Gift Card No. at Gift Purchase Active and Reload	903-B	Flat	Normal
LB	No	0	★	★
	Yes	1		
KG	No	2		
	Yes	3		

903-C: 1. Entry of tare
2. Unit of weight for the scale

1. Entry of tare	2. Unit of weight for the scale	903-C	Flat	Normal
Disallowed	2ID (3ID) + 2DD	0	★	★
	1ID (2ID) + 3DD	1		
Allowed	2ID (3ID) + 2DD	2		
	1ID (2ID) + 3DD	3		

903-D: 1. Food stamp / Cash benefit

1. Food stamp / Cash benefit	903-D	Flat	Normal
No food stamp / Cash benefit	0	★	
Tax not payable in food stamps / Cash benefit	1		
Tax payable in food stamps / Cash benefit	2		
Forgiveness	3		★

[JOB#904] : MRS=0000

904-A: 1. Printing of date
2. Fraction treatment at gasoline (oil) q'ty calculation

1. Printing of date	2. Fraction treatment at gasoline (oil) q'ty calculation	904-A	Flat	Normal
Yes	Rounding	0	★	★
	Raising to unit	1		
	Disregarding	2		
No	Rounding	4		
	Raising to unit	5		
	Disregarding	6		

904-B: 1. Printing of the consecutive No.
2. Decimal point position of gasoline (oil) q'ty

1. Printing of the consecutive No.	2. Decimal point position of gasoline (oil) q'ty	904-B	Flat	Normal
Yes	0	0	★	★
	1	1		
	2	2		
	3	3		
No	0	4		
	1	5		
	2	6		
	3	7		

904-C: 1. Fraction treatment at gasoline discount

1. Fraction treatment at gasoline discount	904-C	Flat	Normal
ROUNDING	0	★	★
RAISING TO UNIT	1		
DISREGARING	2		

904-D: 1. TAB for gasoline unit price
2. Gasoline function

1. TAB for gasoline unit price	2. Gasoline function	904-D	Flat	Normal
2	Disable	0	★	★
	Enable	1		
3	Disable	2		
	Enable	3		

[JOB#905] MRS=0005

905-A: 1. Taxable SUBTOTAL4 (X/Z)
2. Gross TAX4, Refund TAX4 total (X/Z)
3. Net TAX4 total (X/Z)

1. Taxable SUBTOTAL4 (X/Z)	2. Gross TAX4, Refund TAX4 total (X/Z)	3. Net TAX4 total (X/Z)	905-A	Flat	Normal
Printed	Printed	Printed	0	★	★
		Not printed	1		
	Not printed	Printed	2		
		Not printed	3		
Not printed	Printed	Printed	4		
		Not printed	5		
	Not printed	Printed	6		
		Not printed	7		

905-B: 1. Tax printing when taxable SUBTOTAL is zero
2. Tax printing when GST is VAT
3. Tax printing when TAX is zero

1. Tax printing when taxable SUBTOTAL is zero	2. Tax printing when GST is VAT	3. Tax printing when TAX is zero	905-B	Flat	Normal
No	Yes	Yes	0	★	★
		No	1		
	No	Yes	2		
		No	3		
Yes	Yes	Yes	4		
		No	5		
	No	Yes	6		
		No	7		

905-C: 1. GST EXPT (X/Z)

1. GST EXPT (X/Z)	905-C	Flat	Normal
PRINTED	0	★	★
NOT PRINTED	4		

905-D: 1. Tax method (canadian tax)

1. Tax method (canadian tax)	904-C	Flat	Normal
TYPE1	0		
TYPE2	1		
TYPE3	2		
TYPE4	3		
TYPE5	4		
TYPE6	5	★	★
TYPE7	6		
TYPE8	7		
TYPE9	8		
TYPE10	9		

[JOB#906] : MRS=0030

906-A: 1. Printing of DEPT. /PLU codes
2. Entry which makes the PLU stock counter negative

1. Printing of DEPT. /PLU codes	2. Entry which makes the PLU stock counter negative	906-A	Flat	Normal
No	Allowed unconditionally	0	★	★
	Operation allowed despite error message	1		
	Inhibited	2		
Yes	Allowed unconditionally	4		
	Operation allowed despite error message	5		
	Inhibited	6		

906-B: 1. Bottle return function
2. HASH/GIFT department setting

1. Bottle return function	2. HASH/GIFT department setting	906-B	Flat	Normal
Disable	Disable	0	★	★
	Enable	2		
Enable	Disable	4		
	Enable	6		

906-C: 1. Split pricing counting
2. Multiplication entry

1. Split pricing counting	2. Multiplication entry	906-C	Flat	Normal
Quantity	Multiplication	0		
	Successive multiplication	1		
	Split pricing	2		
	FFx (FF sequence + split pricing)	3	★	★
Package	Multiplication	4		
	Successive multiplication	5		
	Split pricing	6		
	FFx (FF sequence + split pricing)	7		

906-D: 1. PLU, UPC (EAN) price look up at refund entry
2. Presetting of consecutive No.
3. Fractional quantity

1. PLU, UPC (EAN) price look up at refund entry	2. Presetting of consecutive No.	3. Fractional quantity	906-D	Flat	Normal
No	Yes	No	0	★	★
		Yes (3-digit decimal places)	1		
	No	No	2		
		Yes (3-digit decimal places)	3		
Yes	Yes	No	4		
		Yes (3-digit decimal places)	5		
	No	No	6		
		Yes (3-digit decimal places)	7		

[JOB#907] : MRS=0010

907-A: 1. Entry of SCM (+) / (-) after registration
2. SCM input compulsory

1. Entry of SCM (+) / (-) after registration	2. SCM input compulsory	907-A	Flat	Normal
Disable	Non-compulsory	0	★	★
	Compulsory for an individual server (Cashier)	1		
	Compulsory for all server (Cashier)	2		
Enable	Non-compulsory	4		
	Compulsory for an individual server (Cashier)	5		
	Compulsory for all server (Cashier)	6		

SCM = Starting Cash Memory

907-B: 1. UPC (EAN) code printing on journal
2. UPC (EAN) code printing on receipt

1. UPC (EAN) code printing on journal	2. UPC (EAN) code printing on receipt	907-B	Flat	Normal
Yes	Yes	0	★	★
	No	1		
No	Yes	2		
	No	3		

907-C: 1. In case of all server or transaction CCD, X report before CCD entry
2. Minus department / PLU / UPC (EAN)

1. In case of all server or transaction CCD, X report before CCD entry	2. Minus department / PLU / UPC (EAN)	907-C	Flat	Normal
Disable	Disable	0		
	Enable	1	★	★
Enable	Disable	2		
	Enable	3		

907-D: 1. CCD compulsory

1. CCD compulsory	907-D	Flat	Normal
Non-compulsory	0	★	★
For individual server	1		
For all server	2		

[JOB#908] : MRS=0000

908-A: GT print on Z report

GT1 (NET)	GT2 (+)	GT3 (-)	908-A	Flat	Normal
Print	Print	Print	0	★	★
		Skip	1		
	Skip	Print	2		
		Skip	3		
Skip	Print	Print	4		
		Skip	5		
	Skip	Print	6		
		Skip	7		

908-B: GT print on X report

GT1 (NET)	GT2 (+)	GT3 (-)	908-B	Flat	Normal
Skip	Skip	Skip	0	★	★
		Print	1		
	Print	Skip	2		
		Print	3		
Print	Skip	Skip	4		
		Print	5		
	Print	Skip	6		
		Print	7		

908-C: 1. Addition to the hourly total in void mode
2. Resetting of consecutive number in Z1

1. Addition to the hourly total in void mode	2. Resetting of consecutive number in Z1	908-C	Flat	Normal
No	No	0	★	★
	Yes	1		
Yes	No	4		
	Yes	5		

908-D: 1. Printing of X/Z report (Excepting the individual server report)
2. Z1 resetting that resets GT

1. Printing of X/Z report (Excepting the individual server report)	2. Z1 resetting that resets GT	908-D	Flat	Normal
Receipt & Journal	Disable	0	★	★
	Enable	1		
Journal only	Disable	4		
	Enable	5		

[JOB#909] : MRS=2000

909-A: 1. Printing of Training GT on the X report
2. Printing of Training GT on the Z report

1. Printing of Training GT on the X report	2. Printing of Training GT on the Z report	909-A	Flat	Normal
Skip	Print	0		
	Skip	1		
Print	Print	2	★	★
	Skip	3		

909-B: 1. Printing of data on PLU/UPC resetting report

1. Printing of data on PLU/UPC resetting report	909-B	Flat	Normal
Print	0	★	★
Skip	4		

909-C: 1. Printing of VOID mode & MGR VOID in Z2 report
2. Printing of VOID mode & MGR VOID in Z1 report

1. Printing of VOID mode & MGR VOID in Z2 report	2. Printing of VOID mode & MGR VOID in Z1 report	909-C	Flat	Normal
Print	Print	0	★	★
	Skip	2		
Skip	Print	4		
	Skip	6		

909-D : Not used (Fixed at “0”)

[JOB#910] : MRS=0024

910-A: 1. Drawer open at server sign ON/OFF

1. Drawer open at server sign ON/OFF	910-A	Flat	Normal
No	0	★	★
Yes	2		

910-B: Not used (Fixed at “0”)

910-C: 1. Server # entry system

1. Server # entry system	910-C	Flat	Normal
Stay down	0		
Auto sign OFF	2	★	★

910-D: Server system (Fixed at “4”)

[JOB#911] : MRS=0000

911-A: 1. Fraction treatment

1. Fraction treatment	911-A	Flat	Normal
Rounding	0	★	★
Raising to unit	1		
Disregarding	2		

911-B: 1. C/D (Check digit) check of UPC (EAN) code

1. C/D (Check digit) check of UPC (EAN) code	911-B	Flat	Normal
No	0	★	★
Yes	4		

911-C: Not used (Fixed at "0")

911-D: 1. Receipt/Slip header format

1. Receipt/Slip header format	911-D	Flat	Normal
Format 1	0	★	★
Format 2	2		
Format 3	4		

[JOB#912] : MRS=0061

912-A: 1. Date print format

1. Date print format	912-A	Flat	Normal
Month / Day / Year	0	★	★
Day / Month / Year	1		
Year / Month / Day	2		

912-B: 1. Time system

1. Time system	912-B	Flat	Normal
12H	0	★	★
24H	1		

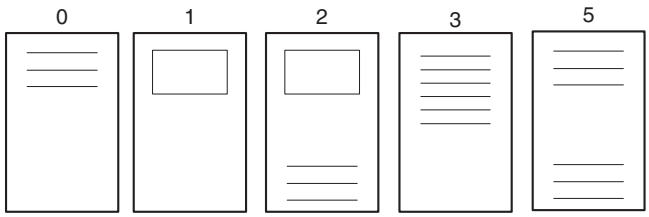
912-C: 1. After transaction receipt
2. Copy receipt function
3. Footer print control

1. After trans-action receipt	2. Copy receit func-tion	3. Footer print control	912-C	Flat	Normal
Total only	No	All receipts	0		
		On selected function key at the time of finalization	1		
	Yes	All receipts	2		
		On selected function key at the time of finalization	3		
Details	No	All receipts	4		
		On selected function key at the time of finalization	5		
	Yes	All receipts	6	★	★
		On selected function key at the time of finalization	7		

912-D: 1. Logo message control

1. Logo message control	912-D	Flat	Normal
3-line header instead of a stamp	0		
Stamp only	1	★	★
Stamp and 3-line footer	2		
6-line header instead of a stamp	3		
3-line header instead of instead of a stamp and 3-line footer	5		

(Logo message format)



[JOB#913] : MRS=1104

913-A: 1. Content of total VP amount

1. Content of total VP amount	913-A	Flat	Normal
Total amount	0		
Tendered amount	1	★	★

913-B: 1. Printing of SBTL
2. Printing of MDSE ST
3. Printing of MDSE ST

1. Printing of SBTL	2. Printing of MDSE ST	3. Printing of MDSE ST	913-B	Flat	Normal
No	No	Disable	0		
		Enable	1	★	★
	Yes	Disable	2		
		Enable	3		
Yes	No	Disable	4		
		Enable	5		
	Yes	Disable	6		
		Enable	7		

913-C: 1. Lock error buzzer keeps sounding
2. Buffered keyboard

1. Lock error buzzer keeps sounding	2. Buffered key-board	913-C	Flat	Normal
For 2 seconds	Yes	0	★	★
	No	1		
Till error recovery	Yes	2		
	No	3		

913-D: 1. Drawer closing
2. Error system
3. Key touch sound

1. Drawer closing	2. Error system	3. Key touch sound	913-D	Flat	Normal
Non-compulsory	Lock error only	Yes	0		
		No	1		
	Miss operation	Yes	2		
		No	3		
Compulsory	Lock error only	Yes	4	★	★
		No	5		
	Miss operation	Yes	6		
		No	7		

[JOB#914] : MRS=1100

914-A: 1. Receipting at the time of no sale
2. [NS] key separation from [CA/AT] key for no sale function
3. Tax delete

1. Receipting at the time of no sale	2. [NS] key separation from [CA/AT] key for no sale function	3. Tax delete	914-A	Flat	Normal
Yes	Yes	Inhibit	0		
		Enable	1	★	★
	No	Inhibit	2		
		Enable	3		
No	Yes	Inhibit	4		
		Enable	5		
	No	Inhibit	6		
		Enable	7		

914-B: 1. No-sale after non-add code entry

1. No-sale after non-add code entry	914-B	Flat	Normal
Disable	0		
Enable	1	★	★

914-C: 1. Void mode
2. Non-add code entry at the beginning of a transaction operation

1. Void mode	2. Non-add code entry at the beginning of a transaction operation	913-C	Flat	Normal
Enable	Non-compulsory	0	★	★
	Compulsory	1		
Disable	Non-compulsory	2		
	Compulsory	3		

914-D: 1. Manual tax
2. Check / Cashing
3. Non-add No. entry

1. Manual tax	2. Check / Cashing	3. Non-add No. entry	914-D	Flat	Normal
Enable	Disable	Enable	0	★	★
		Disable	1		
	Enable	Enable	2		
		Disable	3		
Disable	Disable	Enable	4		
		Disable	5		
	Enable	Enable	6		
		Disable	7		

[JOB#915] : MRS=0040

915-A: 1. Amount symbol

1. Amount symbol	915-A	Flat	Normal
" "	0	★	★
"*"	1		
"$"	2		

915-B: 1. PO system

1. PO system	915-B	Flat	Normal
Mixed entry	0	★	★
Cash only entry	1		

915-C: 1. No. of times of ST(-) or ST(%) entry within one transaction
2. RA system

1. No. of times of ST(-) or ST(%) entry within one transaction	2. RA system	915-C	Flat	Normal
Any No. of times	Mixed entry	4	★	★
	Cash only entry	5		
Once	Mixed entry	6		
	Cash only entry	7		

915-D: Not used (Fixed at "0")

[JOB#916] : MRS=1400

916-A: 1. Action to be taken when text and amount overlaps each other in a REG-mode entry

1. Action to be taken when text and amount overlaps each other in a REG-mode entry	916-A	Flat	Normal
Over-write	0		
2 line print	1	★	★

916-B: 1. Finalization by charge (credit) when ST ≦ 0
2. Food stamp/Cash benefit subtotal entry before Food stamp/ Cash benefit tender

1. Finalization by charge (credit) when ST ≦ 0	2. Food stamp/ Cash benefit subtotal entry before Food stamp/Cash benefit tender	916-B	Flat	Normal
Inhibit	Non-compulsory	0		
	Compulsory	1		
Always	Non-compulsory	4	★	★
	Compulsory	5		

916-C: 1. Merchandise subtotal go negative
2. Subtotal entry before tender
3. Subtotal entry before direct non-tendering finalization

1. Merchandise subtotal go negative	2. Subtotal entry before tender	3. Subtotal entry before direct non-tendering finalization	916-C	Flat	Normal
Enable	Non-compulsory	Non-compulsory	0	★	★
		Compulsory	1		
	Compulsory	Non-compulsory	2		
		Compulsory	3		
Disable	Non-compulsory	Non-compulsory	4		
		Compulsory	5		
	Compulsory	Non-compulsory	6		
		Compulsory	7		

916-D: 1. Coupon PLU printing on X/Z report
2. Net sales subtotal (NET1) printing on X/Z report
3. Check change total printing on X/Z report

1. Coupon PLU printing on X/Z report	2. Net sales subtotal (NET1) printing on X/Z report	3. Check change total printing on X/Z report	916-D	Flat	Normal
Print	Print	Print	0	★	★
		Skip	1		
	Skip	Print	2		
		Skip	3		
Skip	Print	Print	4		
		Skip	5		
	Skip	Print	6		
		Skip	7		

[JOB#917] : MRS=0000

917-A: 1. Printing of taxable 1 subtotal on X/Z report
2. Printing of gross tax 1 and refund tax 1 totals on X/Z report
3. Printing of net tax 1 total on X/Z report

1. Printing of taxable 1 subtotal on X/Z report	2. Printing of gross tax 1 and refund tax 1 totals on X/Z report	3. Printing of net tax 1 total on X/Z report	917-A	Flat	Normal
Print	Print	Print	0	★	★
		Skip	1		
	Skip	Print	2		
		Skip	3		
Skip	Print	Print	4		
		Skip	5		
	Skip	Print	6		
		Skip	7		

917-B: 1. Printing of taxable 2 subtotal on X/Z report
2. Printing of gross tax 2 and refund tax 2 totals on X/Z report
3. Printing of net tax 2 total on X/Z report

1. Printing of taxable 2 subtotal on X/Z report	2. Printing of gross tax 2 and refund tax 2 totals on X/Z report	3. Printing of net tax 2 total on X/Z repor	917-B	Flat	Normal
Print	Print	Print	0	★	★
		Skip	1		
	Skip	Print	2		
		Skip	3		
Skip	Print	Print	4		
		Skip	5		
	Skip	Print	6		
		Skip	7		

917-C: 1. Printing of taxable 3 subtotal on X/Z report
2. Printing of gross tax 3 and refund tax 3 totals on X/Z report
3. Printing of net tax 3 total on X/Z report

1. Printing of taxable 3 subtotal on X/Z report	2. Printing of gross tax 3 and refund tax 3 totals on X/Z report	3. Printing of net tax 3 total on X/Z report	917-C	Flat	Normal
Print	Print	Print	0	★	★
		Skip	1		
	Skip	Print	2		
		Skip	3		
Skip	Print	Print	4		
		Skip	5		
	Skip	Print	6		
		Skip	7		

917-D: 1. Printing of total tax on X/Z report
2. Printing of gross manual tax and refund manual tax totals on X/Z report
3. Printing of net manual tax total on X/Z report

1. Printing of total tax on X/Z report	2. Printing of gross manual tax and refund manual tax totals on X/Z report	3. Printing of net manual tax total on X/Z repor	917-D	Flat	Normal
Print	Print	Print	0	★	★
		Skip	1		
	Skip	Print	2		
		Skip	3		
Skip	Print	Print	4		
		Skip	5		
	Skip	Print	6		
		Skip	7		

[JOB#918] : MRS=2233

918-A: 1. Printing of text for associated PLU in combo meal
2. Direct non-tendering finalization after previous tender entry
3. Output of combo meal to KP

1. Printing of text for associated PLU in combo meal	2. Direct non-tendering finalization after previous tender entry	3. Output of combo meal to KP	918-A	Flat	Normal
Print	Disable	By associated PLU	0		
		Combo meal's KP	1		
	Enable	By associated PLU	2	★	★
		Combo meal's KP	3		
Skip	Disable	By associated PLU	4		
		Combo meal's KP	5		
	Enable	By associated PLU	6		
		Combo meal's KP	7		

918-B: 1. Red color printing on KP when PLU's unit price is zero
2. Fractional entries for non-scalable UPC/PLU/DEPT.

1. Red color printing on KP when PLU's unit price is zero	2. Fractional entries for non-scalable UPC/PLU/DEPT.	918-B	Flat	Normal
No	Enable	0		
	Disable	1		
Yes	Enable	2	★	★
	Disable	3		

918-C: 1. Kitchen printer consolidation
2. Printing the UPC/DEPT/PLU text on KP in double size character

1. Kitchen printer consolidation	2. Printing the UPC/DEPT/PLU text on KP in double size character	918-C	Flat	Normal
No	No	0		
	Yes	1		
Yes	No	2		
	Yes	3	★	★

918-D: 1. Tip paid includes cash tip
2. Clearing of tip totalizer at clerk Z1 report
3. Printing of tip totalizer on the clerk report

1. Tip paid includes cash tip	2. Clearing of tip totalizer at clerk Z1 report	3. Printing of tip totalizer on the clerk report	918-D	Flat	Normal
Yes	No	No	0		
		Yes	1		
	Yes	No	2		
		Yes	3	★	★
No	No	No	4		
		Yes	5		
	Yes	No	6		
		Yes	7		

[JOB#919] : MRS=5100

919-A: 1. GLU/PBLU system
2. GLU/PBLU code entry at reorder
(When #919:B-1 is 0 (auto generation))

1. GLU/PBLU system	2. GLU/PBLU code entry at reorder (When #919:B-1 is 0 (auto generation))	919-A	Flat	Normal
PB look-up system	Non-compulsory	2		
	Compulsory	3		
Guest look-up system	Non-compulsory	4		
	Compulsory	5	★	★

919-B: 1. Checking of service# on guest check when a reorder is made
2. Guest check number

1. Checking of service# on guest check when a reorder is made	2. Guest check number	919-B	Flat	Normal
Yes	Auto generation	0		
	Manual	1	★	★
No	Auto generation	4		
	Manual	5		

919-C: 1. PB entry

2. Amount printing when PLU unit price is zero

1. PB entry	2. Amount printing when PLU unit price is zero	919-C	Flat	Normal
Non-compulsory	No	0	★	★
	Yes	1		
Compulsory	No	2		
	Yes	3		

919-D: 1. Conversion SBTL printing of native SBTL

2. Foreign currency format

1. Conversion SBTL printing of native SBTL	2. Foreign currency format	919-D	Flat	Normal
Yes	Not	0	★	★
	Omit digits lower than TAB position	1		
No	Not	4		
	Omit digits lower than TAB position	5		

[JOB#920] : MRS=2040

920-A: 1. Back-up master function

1. Back-up master function	920-A	Flat	Normal
Not exist	2	★	★
Exist	3		

920-B: 1. System report and down-load job is executed in the back-up master.

1. System report and down-load job is executed in the back-up master.	920-B	Flat	Normal
Disable	0	★	★
Enable	4		

920-C: 1. Automatic download machines in an inline system at UPC (EAN) programming and UPC (EAN) delete.

2. PGM-mode programming at the satellite

1. Automatic download machines in an inline system at UPC (EAN) programming and UPC (EAN) delete.	2. PGM-mode programming at the satellite	920-C	Flat	Normal
Yes	Disable	0		
	Enable	1		
No	Disable	4	★	★
	Enable	5		

920-D: 1. Status of the register

1. Status of the register	920-D	Flat	Normal
Stand-alone machine	0	★	★
Satellite	1		
Master	2		
Back up master	3		

[JOB#921] : MRS=0000

921-A: 1. Convert UPC-E code to UPC-A code

1. Convert UPC-E code to UPC-A code	921-A	Flat	Normal
No	0	★	★
Yes	4		

921-B: 1. GLU system

1. GLU system	921-B	Flat	Normal
Centralized	0	★	★
Individual	4		

921-C: 1. BILL printing method: The action after printing Bill.

1. BILL printing method: The action after printing Bill.	921-C	Flat	Normal
The item data is deleted and each bill continue to print in the previous bill.	0	★	★
The item data is not deleted and each bill prints all item.	1		

921-D: 1. TIP PAID is automatically executed when TIP is remained at Ind. Server Resetting.

1. TIP PAID is automatically executed when TIP is remained at Ind. Server Resetting.	921-D	Flat	Normal
No	0	★	★
Yes	4		

[JOB#922]: MRS=0000

922-A: Not used (Fixed at “0”)

922-B: 1. Using new coin dispenser which can treat $1 coins

1. Using new coin dispenser which can treat $1 coins	922-B	Flat	Normal
Yes	0	★	★
No	1		

922-C, D: Not used (Fixed at “00”)

[JOB#923] : MRS=0010

923-A, B: 1. The record number for REQUEST of T-LOG POLLING (x100) for satellite

1. The record number for REQUEST of T-LOG POLLING (x100) for satellite	923-AB	Flat	Normal
0000 ~ 9900	00-99	00	00

Ex:

When input 10 to AB, the T-log records exceed 1, 000 records. By that the satellite request T-LOG POLLING to master.

Note:

In case of 00, the satellite request T-LOG POLLING to master at each transaction. but master dose not request T-LOG POLLING to MWS (Manager Work Station).

920-C: 1. T-log function

1. T-log function	923-C	Flat	Normal
No	0		
Yes	1	★	★

923-D: 1. Polling cycle (second)

1. Polling cycle (second)	923-D	Flat	Normal
0 ~ 9 Sec.	0-9	0	0

Ex:

When input D = 5, the master waits 5 sec., and then the master starts T-LOG POLLING to next machine.

[JOB#924] : MRS=1433

924-A, B, C: Not used (Fixed at "143")

924-D: 1. Locking after daily net resetting
2. Locking after transaction resetting

1. Locking after daily net resetting	2. Locking after transaction resetting	924-D	Flat	Normal
Yes	Yes	0		
	No	1		
No	Yes	2		
	No	3	★	★

∗ Setting of lock timing for REG-mode entries after individual periodic total resetting.

[JOB#925] : MRS=0303

925-A:Not used (Fixed at "0")

925-B: 1. Various individual resetting.

1. Various individual resetting	925-B	Flat	Normal
Disable	0		
Enable	3	★	★

∗ Individual resetting Enable/Disable: The master alone can be made capable of resetting by selecting "Disable"

925-C: 1. Report printing when consolidation daily and periodic total transaction reading or resetting is taken

1. Report printing when consolidation daily and periodic total transaction reading or resetting is taken	925-C	Flat	Normal
Printing of both i.e. reports on individual machines and consolidation report on the entire system	0	★	★
Printing of consolidation report on the entire system	1		
Printing of report on individual register	2		

∗ Type of printing of daily total and periodic total transaction X/Z reports: The following of three types are available:

a) Printing of only X/Z reports on individual machines
b) Printing of a consolidation X/Y report only
c) Printing of X/Z reports on individual machines, followed by the printing of a consolidation X/Y report.

925-D: 1. Resetting is allowed when the server is remained sign on
2. Resetting in the open store state

1. Resetting is allowed when the server is remained sign on	2. Resetting in the open store state	925-C	Flat	Normal
No	Disable	0		
	Enable	1		
Yes	Disable	2		
	Enable	3	★	★

[JOB#926] : MRS=0000

925-D: 1. Printing "LAST VOID DATA" on KP
2. Printing "PAST VOID DATA" on KP

1. Printing "LAST VOID DATA" on KP	2. Printing "PAST VOID DATA" on KP	926-A	Flat	Normal
Both last-void-data and voided item aren't printed	Both last-void-data and voided item aren't printed	0	★	★
	Both are printed	1		
Both are printed	Both last-void-data and voided item aren't printed	2		
	Both are printed	3		

926-B: 1. Sending "REFUND DATA" on KP.

1. Sending "REFUND DATA" on KP	926-B	Flat	Normal
Yes	0	★	★
No	2		

926-C: 1. Open store/Close store at stand alone POS with online
2. Send AT command string with "Open Store" job
3. Send AT command string with "Close Store" job

1. Open store/ Close store at stand alone POS with online	2. Send AT command string with "Open Store" job	3. Send AT command string with "Close Store" job	926-C	Flat	Normal
No	No	No	0	★	★
		Yes	1		
	Yes	No	2		
		Yes	3		
Yes	No	No	4		
		Yes	5		
	Yes	No	6		
		Yes	7		

926-D: 1. Reverse ONLINE channel in closed store

1. Reverse ONLINE channel in closed store	926-C	Flat	Normal
No	0	★	★
Yes	4		

[JOB#927] : MRS=0000 (Not used)

[JOB#928] : MRS=0060

928-A: 1. Printing of slip logo text

1. Printing of slip logo text	928-A	Flat	Normal
No	0	★	★
Yes (According to media programming)	1		

928-B: 1. VP message printing on slip
2. Header line on bill paper when a reorder is made printed

1. VP message printing on slip	2. Header line on bill paper when a reorder is made printed	928-B	Flat	Normal
Check only	Printed	0	★	★
	Skip	1		
Check & Charge	Printed	2		
	Skip	3		

928-C: 1. Printing of PLU on bill when it is 0
2. Printing of text for associated PLU in “COMBO MEAL” on bill.

1. Printing of PLU on bill when it is 0	2. Printing of text for associated PLU in “COMBO MEAL” on bill.	928-C	Flat	Normal
Yes	Yes	0		
	No	2		
No	Yes	4		
	No	6	★	★

928-D: 1. Printing of PB/Service on bill at re-order
2. Compulsory Bill print system

1. Printing of PB/ Service on bill at re-order	2. Compulsory Bill print system	928-D	Flat	Normal
Yes	According to each media’s preset	0	★	★
	Compulsory for every entry	1		
	Compulsory for PB	2		
No	According to each media’s preset	4		
	Compulsory for every entry	5		
	Compulsory for PB	6		

The bill printing at SERV and final in GLU system acts on each media’s preset.

[JOB#929] : MRS=0000

929-A: 1. KP print format when finalizing

1. KP print format when finalizing	929-A	Flat	Normal
Simple	0	★	★
Detail	1		

929-B: 1. Server, transaction resetting allowed with open GLU

1. Server, transaction resetting allowed with open GLU	929-B	Flat	Normal
No	0	★	★
Yes	1		

929-C: 1. Markdown system and entry system
2. Registration when closed file is full

1. Markdown system and entry system	2. Registration when closed file is full	980-D	Flat	Normal
Normal markdown system and normal entry system	Inhibited	0	★	★
	Continued	1		
Cursor markdown system and normal entry system	Inhibited	2		
	Continued	3		
Cursor markdown system and BOGO entry system	Inhibited	6		
	Continued	7		

929-D: 1. Selection of method of seal character of TAX contents in BILL
2. Taxable status of PLU/UPC (EAN) which is set of “Non-Taxable”

1. Selection of method of seal character of TAX contents in BILL	2. Taxable status of PLU/UPC (EAN) which is set of “Non-Taxable”	980-D	Flat	Normal
The total of tax amount is printed	According to its associated Dept.	0	★	★
	Non-Taxable	2		
The tax amount of every TAX is printed in detail	According to its associated Dept.	4		
	Non-Taxable	6		

[JOB#980] : MRS=0000

980-A: Not used (Fixed at “0”)

980-B: 1. Hash/Gift department effect hourly sales total

1. Hash/Gift department effect hourly sales total	980-B	Flat	Normal
No	0	★	★
Yes	1		

980-C, D: Not used (Fixed at “00”)

[JOB#981] - [JOB#985] : Reserved

[JOB#986] : MRS = 2000

986-A: 1. CAT2

1. CAT2	986-A	Flat	Normal
SECL CAT	0		
DATA TRAN	2	★	★

986-B: Not used (Fixed at “0”)

986-C: 1. Sub-total void in customer entry

1. Sub-total void in customer entry	986-C	Flat	Normal
Enable	0	★	★
Disable (Manager only enable)	4		

986-D: 1. PLU/UPC printing on receipt when it is zero

1. PLU/UPC printing on receipt when it is zero	986-D	Flat	Normal
Yes	0	★	★
No	1		

[JOB#987] : MRS = 0000

987-A: Not used (Fixed at "0")

987-B: 1. Age limit function to be override in MGR mode

1. Age limit function to be override in MGR mode	987-C	Flat	Normal
Disable	0	★	★
Enable	2		

987-C, D: Not used (Fixed at "00")

[JOB#988] : MRS = 0000

988-A: 1. Customer code entry finalized by
2. Payment by charge1 over customer charge amount

1. Customer code entry finalized by	2. Payment by charge1 over customer charge amount	988-A	Flat	Normal
Charge1 only	Enable	0	★	★
	Disable	1		
Any payment	Enable	2		
	Disable	3		

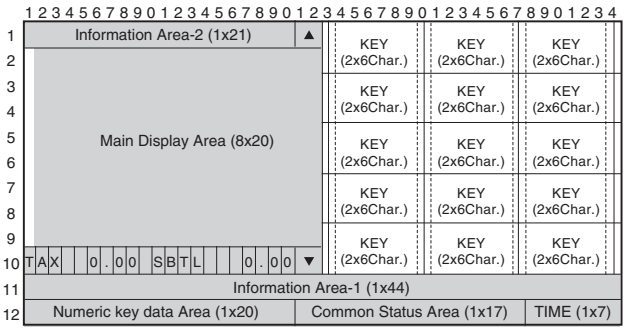
988-B: 1. Control characters (ex. double character) (From code: 0x00 to 0x1F, 0xFE, 0xFF) when EJ data is recorded in the SD CARD.

1. Control characters (ex. double character) (From code: 0x00 to 0x1F, 0xFE, 0xFF) when EJ data is recorded in the SD CARD.	988-B	Flat	Normal
Not space character	0	★	★
Space character (code: 0x20)	2		

988-C, D: Not used (Fixed at "00")

3. FREE KEYBOARD LAYOUT (FUNCTION KEY LIST) [#950]

This job can be set the keyboard layout (except for dept. keys and direct PLU keys) and REG MODE HOME screen (15 keys).



MRS : STANDARD KEY LAYOUT

If (X) key is pushed in case of setting the keyboard layout, that key is inhibited.

- **FREE KEY LAYOUT (FOR DEPT. KEYS AND DIRECT PLU KEYS)**
  Programming of keys to be Dept. keys or direct PLU keys on the keyboard.
  Key No. is assigned to each key which is supposed to be Dept. key or direct PLU key by depressing the key after entering the Key No..
  Those keys programmed by this Job No. will be Dept. keys if Dept. code is assigned, and will be direct PLU keys if PLU code is assigned in the PGM2 mode.

MRS : STANDARD KEY LAYOUT

[FUNCTION KEY GROUP LIST]

No.	FUNCTION
1	ALL FUNC. KEY
2	LEVEL#
3	PRICE SFT#
4	TAX1SF
5	GD1SFT
6	GDSC%1
7	%1
8	(-)1
9	AUTO
10	CASH2
11	CHECK
12	CHARGE1
13	CONV1
14	RA
15	PO
16	CA/CHK1
17	EATIN1
18	MESSAGE1
19	PLU MENU 1
20	MACRO1
21	CAP. 1
22	FUNC MENU 01
23	GAS1 ST

If "ALL FUNC. KEY" is selected, the cursor jumps to key No. 28 "BKSPC".

About jump key number of other functions refer to below function key list.

[FUNCTION KEY LIST]

Jump to key No.	FUNCTION	DISPLAY KEY	TOUCH KEY Text	Func. Menu
999	INHIBIT	INHIBIT		
1	0 KEY	0 KEY	0	No
2	1 KEY	1 KEY	1	No
3	2 KEY	2 KEY	2	No
4	3 KEY	3 KEY	3	No
5	4 KEY	4 KEY	4	No
6	5 KEY	5 KEY	5	No
7	6 KEY	6 KEY	6	No
8	7 KEY	7 KEY	7	No
9	8 KEY	8 KEY	8	No
10	9 KEY	9 KEY	9	No
11	00 KEY	00 KEY	00	No
12	000 KEY	000 KEY	000	No
13	Decimal point	. KEY	.	No
14	Clear	CL	CLEAR	No

Jump to key No.	FUNCTION	DISPLAY KEY	TOUCH KEY Text	Func. Menu
15	X	X	X/QTY	No
16	Sub total	SUB TOTAL	SUB_TOTAL	Yes
17	Mode	MODE	MODE	Yes
18	CURSOR UP	UP	▲	No
19	CURSOR DOWN	DOWN	▼	No
20	CURSOR LEFT	LEFT	←MORE	No
21	CURSOR RIGHT	RIGHT	MORE→	No
22	HOME	HOME	HOME	Yes
23	CANCEL	CANCEL	CANCEL	No
24	ENTER	ENTER	ENTER	No
25	TOTAL	TL	CASH_TOTAL	Yes
26	PAGE UP	PAGE UP	PAGE_UP	No
27	PAGE DOWN	PAGE DOWN	PAGE_DOWN	No
28	BACK SPACE	BACK SPACE	BACK_SPACE	No
29	DELETE	DELETE	DELETE	No
30	MERCHANDISE SUB-TOTAL	MDS ST	MDS ST	Yes
31	TRAY SUB-TOTAL	TRY ST	TRY ST	Yes
32	GASOLINE SALES SUB-TOTAL	GAS ST	GAS ST	Yes
33	NON ADD/TIME	#/TM	#_TIME	Yes
34	NO SALE	NO SALE	NS	Yes
35	SCALE	SCALE	SCALE	Yes
36	PLU/UPC	PLU/UPC	PLU_UPC	Yes
37	FS/CASH BENEFIT SHIFT	FS/CBN SHIFT	FS/CBN SHIFT	Yes
38	VALIDATION PRINT	PRNT	PRNT	Yes
39	BILL	BILL	BILL	Yes
40	COPY/AFTER TRANSACTION RECEIPT	RCPT	RCPT	Yes
41	G. C. COPY	GCCOPY	GCCOPY	Yes
42	CHARGE TIP	CHARGE TIP	CHARGE_TIP	Yes
43	CASH TIP	CASH TIP	CASH_TIP	Yes
44	TIP PAID	TIP PAID	TIP_PAID	Yes
45	LAST VOID	VOID	VOID	Yes
46	INDIRECT VOID	I. VOID	I. VOID	Yes
47	SUB-TOTAL VOID	ST VD	ST VD	Yes
48	REFUND	REFUND	REFUND	Yes
49	RETURN	RETURN	RETURN	Yes
50	TAX	TAX	TAX	Yes
51	COVER COUNT	COVER COUNT	COVER _COUNT	Yes
52	GLU/PBLU	PBAL	PBAL	Yes
53	NEW CHICK	N. C.	N. C.	Yes
54	SERVICE	SERVICE	SRVC	Yes
55	FINAL	FINAL	FINAL	Yes
56	DEPOSIT	DEPOSIT	DEPO	Yes
57	DEPOSIT REFUND	DEPOSIT RF	DEPO _REFOUND	Yes

Jump to key No.	FUNCTION	DISPLAY KEY	TOUCH KEY Text	Func. Menu
58	BILL TRANSFER	B. T.	B. T.	Yes
59	FS TEND	FSTEND	FSTEND	Yes
60	FS TEND by EBT	FSTEND EBT	FSTENDEBT	Yes
61	CASH BENEFIT by EBT	CASH BENE-FIT	CASH BNF	Yes
62	FS/CASH BENE-FIT SUBTOTAL	FS/CBNF ST	FS/CBNF ST	Yes
63	SERVER NUMBER	SERVER#	SRV#	Yes
64	REMOTE PRINTER SEND	RP SND	RP SND	Yes
65	GRATUITY	GRATUITY	GRA_TUITY	Yes
66	OPEN TARE	OPEN TARE	OPEN_TARE	Yes
67	BALANCE	BALANCE	BAL	Yes
68	REPEAT	REPEAT	REPEAT	Yes
69	AMOUNT	AMOUNT	AMOUNT	Yes
70	DEPT#	DEPT#	BEIGE	Yes
71	INQUIRE	INQ	INQ	Yes
72	PRICE CHANGE	PRICE CHANGE	PRICE _CHANGE	Yes
73	CUSTOMER	CUSTOMER	CUST	Yes
74	BIRTHDAY	BIRTH	BIRTH	Yes
75	TRANSOUT	TRANS OUT	TRANS_OUT	Yes
76	TRANS IN	TANS IN	TRANS_IN	Yes
77	SEAT#	SEAT#	SEAT#	Yes
78	INDIVIDUAL PAYMENT	I.PAY	I.PAY	Yes
79	REFUND TYPE OF SALE	RF.SAL	RF.SAL	Yes
80	RECEIPT ON/OFF	RCPT ON/OFF	RCP_ON/OFF	Yes
81	Bill Separate	B.S.	B.S.	Yes
82	WASTE MODE	WASTE	WASTE	Yes
83	CONDIMENT NEXT	C NEXT	C NEXT	Yes
84	NEXT$	NEXT$	NEXT$	Yes
85	Edit Tip	EDIT TIP	EDIT_TIP	Yes
86	Repeat Round	REPEAT ROUND	REPEAT _ROUND	Yes
87	GLU Recall	GLU RECALL	GLU_RECALL	Yes
88	UPSIZE	UPSIZE	UPSIZE	Yes
89	GIFT CARD BALANCE	GC BAL	GC BAL	Yes
90	MANAGER NUMBER	MGR#	MGR#	Yes
91	HOLD/RECALL	HOLD/RECALL	HOLD _RECALL	Yes
92	LEVEL SHIFT#	LEVEL#	LEVEL#	Yes
93	Level1	L1	L1	Yes
94	Level2	L2	L2	Yes
95	Level3	L3	L3	Yes
96	Level4	L4	L4	Yes
97	Level5	L5	L5	Yes
98	PRICE SHIFT#	PRICE SFT#	PRICE_SHIFT#	Yes

Jump to key No.	FUNCTION	DISPLAY KEY	TOUCH KEY Text	Func. Menu
99	Price1	PRICE SFT1	P1	Yes
100	Price2	PRICE SFT2	P2	Yes
101	Price3	PRICE SFT3	P3	Yes
102	Price4	PRICE SFT4	P4	Yes
103	Price5	PRICE SFT5	P5	Yes
104	Price6	PRICE SFT6	P6	Yes
105	TAX1 SHIFT	TAX1SF	TAX1SF	Yes
106	TAX2 SHIFT	TAX2SF	TAX2SF	Yes
107	TAX3 SHIFT	TAX3SF	TAX3SF	Yes
108	TAX4 SHIFT	TAX4SF	TAX4SF	Yes
109	TAX5 SHIFT	TAX5SF	TAX5SF	Yes
110	GROUP DISCONT1 SHIFT	GD1SFT	GD1SFT	Yes
111	GROUP DISCONT2 SHIFT	GD2SFT	GD2SFT	Yes
112	GROUP DISCONT3 SHIFT	GD3SFT	GD3SFT	Yes
113	GROUP DISCOUNT% 1	GDSC%1	GROUP _DISC1	Yes
114	GROUP DISCOUNT% 2	GDSC%2	GROUP _DISC2	Yes
115	GROUP DISCOUNT% 3	GDSC%3	GROUP _DISC3	Yes
116	%1	%1	%1	Yes
117	%2	%2	%2	Yes
118	%3	%3	%3	Yes
119	%4	%4	%4	Yes
120	%5	%5	%5	Yes
121	%6	%6	%6	Yes
122	%7	%7	%7	Yes
123	%8	%8	%8	Yes
124	%9	%9	%9	Yes
125	(-)1	(-)1	(-)1	Yes
126	(-)2	(-)2	(-)2	Yes
127	(-)3	(-)3	(-)3	Yes
128	(-)4	(-)4	(-)4	Yes
129	(-)5	(-)5	(-)5	Yes
130	(-)6	(-)6	(-)6	Yes
131	(-)7	(-)7	(-)7	Yes
132	(-)8	(-)8	(-)8	Yes
133	(-)9	(-)9	(-)9	Yes
134	AUTO	AUTO	AUTO	Yes
135	AUTO2	AUTO2	AUTO2	Yes
136	AUTO3	CASH2	CASH2	Yes
137	AUTO4	CASH3	CASH3	Yes
138	AUTO5	CASH4	CASH4	Yes
139	AUTO6	CASH5	CASH5	Yes
140	AUTO7	AUTO7	AUTO7	Yes
141	AUTO8	AUTO8	AUTO8	Yes
142	AUTO9	AUTO9	AUTO9	Yes

Jump to key No.	FUNCTION	DISPLAY KEY	TOUCH KEY Text	Func. Menu
143	AUTO10	AUTO10	AUTO10	Yes
144	AUTO11	AUTO11	AUTO11	Yes
145	AUTO12	AUTO12	AUTO12	Yes
146	AUTO13	AUTO13	AUTO13	Yes
147	AUTO14	AUTO14	AUTO14	Yes
148	AUTO15	AUTO15	AUTO15	Yes
149	AUTO16	AUTO16	AUTO16	Yes
150	AUTO17	AUTO17	AUTO17	Yes
151	AUTO18	AUTO18	AUTO18	Yes
152	AUTO19	AUTO19	AUTO19	Yes
153	AUTO20	AUTO20	AUTO20	Yes
154	AUTO21	AUTO21	AUTO21	Yes
155	AUTO22	AUTO22	AUTO22	Yes
156	AUTO23	AUTO23	AUTO23	Yes
157	AUTO24	AUTO24	AUTO24	Yes
158	AUTO25	AUTO25	AUTO25	Yes
159	AUTO26	AUTO26	AUTO26	Yes
160	AUTO27	AUTO27	AUTO27	Yes
161	AUTO28	AUTO28	AUTO28	Yes
162	AUTO29	AUTO29	AUTO29	Yes
163	AUTO30	AUTO30	AUTO30	Yes
164	AUTO31	AUTO31	AUTO31	Yes
165	AUTO32	AUTO32	AUTO32	Yes
166	AUTO33	AUTO33	AUTO33	Yes
167	AUTO34	AUTO34	AUTO34	Yes
168	AUTO35	AUTO35	AUTO35	Yes
169	AUTO36	AUTO36	AUTO36	Yes
170	AUTO37	AUTO37	AUTO37	Yes
171	AUTO38	AUTO38	AUTO38	Yes
172	AUTO39	AUTO39	AUTO39	Yes
173	AUTO40	AUTO40	AUTO40	Yes
174	AUTO41	AUTO41	AUTO41	Yes
175	AUTO42	AUTO42	AUTO42	Yes
176	AUTO43	AUTO43	AUTO43	Yes
177	AUTO44	AUTO44	AUTO44	Yes
178	AUTO45	AUTO45	AUTO45	Yes
179	AUTO46	AUTO46	AUTO46	Yes
180	AUTO47	AUTO47	AUTO47	Yes
181	AUTO48	AUTO48	AUTO48	Yes
182	AUTO49	AUTO49	AUTO49	Yes
183	AUTO50	AUTO50	AUTO50	Yes
184	AUTO51	AUTO51	AUTO51	Yes
185	AUTO52	AUTO52	AUTO52	Yes
186	AUTO53	AUTO53	AUTO53	Yes
187	AUTO54	AUTO54	AUTO54	Yes
188	AUTO55	AUTO55	AUTO55	Yes
189	AUTO56	AUTO56	AUTO56	Yes
190	AUTO57	AUTO57	AUTO57	Yes

Jump to key No.	FUNCTION	DISPLAY KEY	TOUCH KEY Text	Func. Menu
191	AUTO58	AUTO58	AUTO58	Yes
192	AUTO59	AUTO59	AUTO59	Yes
193	AUTO60	AUTO60	AUTO60	Yes
194	AUTO61	AUTO61	AUTO61	Yes
195	AUTO62	AUTO62	AUTO62	Yes
196	AUTO63	AUTO63	AUTO63	Yes
197	AUTO64	AUTO64	AUTO64	Yes
198	AUTO65	AUTO65	AUTO65	Yes
199	AUTO66	AUTO66	AUTO66	Yes
200	AUTO67	AUTO67	AUTO67	Yes
201	AUTO68	AUTO68	AUTO68	Yes
202	AUTO69	AUTO69	AUTO69	Yes
203	AUTO70	AUTO70	AUTO70	Yes
204	AUTO71	AUTO71	AUTO71	Yes
205	AUTO72	AUTO72	AUTO72	Yes
206	AUTO73	AUTO73	AUTO73	Yes
207	AUTO74	AUTO74	AUTO74	Yes
208	AUTO75	AUTO75	AUTO75	Yes
209	AUTO76	AUTO76	AUTO76	Yes
210	AUTO77	AUTO77	AUTO77	Yes
211	AUTO78	AUTO78	AUTO78	Yes
212	AUTO79	AUTO79	AUTO79	Yes
213	AUTO80	AUTO80	AUTO80	Yes
214	AUTO81	AUTO81	AUTO81	Yes
215	AUTO82	AUTO82	AUTO82	Yes
216	AUTO83	AUTO83	AUTO83	Yes
217	AUTO84	AUTO84	AUTO84	Yes
218	AUTO85	AUTO85	AUTO85	Yes
219	AUTO86	AUTO86	AUTO86	Yes
220	AUTO87	AUTO87	AUTO87	Yes
221	AUTO88	AUTO88	AUTO88	Yes
222	AUTO89	AUTO89	AUTO89	Yes
223	AUTO90	AUTO90	AUTO90	Yes
224	AUTO91	AUTO91	AUTO91	Yes
225	AUTO92	AUTO92	AUTO92	Yes
226	AUTO93	AUTO93	AUTO93	Yes
227	AUTO94	AUTO94	AUTO94	Yes
228	AUTO95	AUTO95	AUTO95	Yes
229	AUTO96	AUTO96	AUTO96	Yes
230	AUTO97	AUTO97	AUTO97	Yes
231	AUTO98	AUTO98	AUTO98	Yes
232	AUTO99	AUTO99	AUTO99	Yes
233	CASH2	CASH2	CA2	Yes
234	CASH3	CASH3	CA3	Yes
235	CASH4	CASH4	CA4	Yes
236	CASH5	CASH5	CA5	Yes
237	CHECK	CHECK	CHECK	Yes
238	CHECK2	CHECK2	CHECK2	Yes
239	CHECK3	CHECK3	CHECK3	Yes
240	CHECK4	CHECK4	CHECK4	Yes
241	CHECK5	CHECK5	CHECK5	Yes
242	CHECK6	CHECK6	CHECK6	Yes
243	CHECK7	CHECK7	CHECK7	Yes
244	CHECK8	CHECK8	CHECK8	Yes
245	CHECK9	CHECK9	CHECK9	Yes
246	CHARGE1	CHARGE1	CHG1	Yes
247	CHARGE2	CHARGE2	CHG2	Yes
248	CHARGE3	CHARGE3	CHG3	Yes
249	CHARGE4	CHARGE4	CHG4	Yes
250	CHARGE5	CHARGE5	CHG5	Yes
251	CHARGE6	CHARGE6	CHG6	Yes
252	CHARGE7	CHARGE7	CHG7	Yes
253	CHARGE8	CHARGE8	CHG8	Yes
254	CHARGE9	CHARGE9	CHG9	Yes
255	CURRENCY CONVERSION1	CONV1	CONV1	Yes
256	CURRENCY CONVERSION2	CONV2	CONV2	Yes
257	CURRENCY CONVERSION3	CONV3	CONV3	Yes
258	CURRENCY CONVERSION4	CONV4	CONV4	Yes
259	RECEIVED ON ACCOUNT	RA	RA	Yes
260	RECEIVED ON ACCOUNT2	RA2	RA2	Yes
261	PAID OUT	PO	PO	Yes
262	PAID OUT2	PO2	PO2	Yes
263	CHECK CASHING1	CA/CHK1	CA/CHK_1	Yes
264	CHECK CASHING2	CA/CHK2	CA/CHK_2	Yes
265	CHECK CASHING3	CA/CHK3	CA/CHK_3	Yes
266	CHECK CASHING4	CA/CHK4	CA/CHK_4	Yes
267	CHECK CASHING5	CA/CHK5	CA/CHK_5	Yes
268	CHECK CASHING6	CA/CHK6	CA/CHK_6	Yes
269	CHECK CASHING7	CA/CHK7	CA/CHK_7	Yes
270	CHECK CASHING8	CA/CHK8	CA/CHK_8	Yes
271	CHECK CASHING9	CA/CHK9	CA/CHK_9	Yes
272	EAT IN1	EATIN1	EATIN1	Yes
273	EAT IN2	EATIN2	EATIN2	Yes
274	EAT IN3	EATIN3	EATIN3	Yes
275	Message1 (For KP)	MESSAGE1	MSG1	Yes
276	Message2 (For KP)	MESSAGE2	MSG2	Yes

Jump to key No.	FUNCTION	DISPLAY KEY	TOUCH KEY Text	Func. Menu
277	Message3 (For KP)	MESSAGE3	MSG3	Yes
278	Message4 (For KP)	MESSAGE4	MSG4	Yes
279	Message5 (For KP)	MESSAGE5	MSG5	Yes
280	MAIL MESSAGE	MAIL MESSAGE	MAIL_MSG	Yes
281	PLU MENU1	PLU MENU 1	PLU_MENU01	No
282	PLU MENU2	PLU MENU 2	PLU_MENU02	No
283	PLU MENU3	PLU MENU 3	PLU_MENU03	No
284	PLU MENU4	PLU MENU 4	PLU_MENU04	No
285	PLU MENU5	PLU MENU 5	PLU_MENU05	No
286	PLU MENU6	PLU MENU 6	PLU_MENU06	No
287	PLU MENU7	PLU MENU 7	PLU_MENU07	No
288	PLU MENU8	PLU MENU 8	PLU_MENU08	No
289	PLU MENU9	PLU MENU 9	PLU_MENU09	No
290	PLU MENU10	PLU MENU 10	PLU_MENU10	No
291	PLU MENU11	PLU MENU 11	PLU_MENU11	No
292	PLU MENU12	PLU MENU 12	PLU_MENU12	No
293	PLU MENU13	PLU MENU 13	PLU_MENU13	No
294	PLU MENU14	PLU MENU 14	PLU_MENU14	No
295	PLU MENU15	PLU MENU 15	PLU_MENU15	No
296	PLU MENU16	PLU MENU 16	PLU_MENU16	No
297	PLU MENU17	PLU MENU 17	PLU_MENU17	No
298	PLU MENU18	PLU MENU 18	PLU_MENU18	No
299	PLU MENU19	PLU MENU 19	PLU_MENU19	No
300	PLU MENU20	PLU MENU 20	PLU_MENU20	No
301	PLU MENU21	PLU MENU 21	PLU_MENU21	No
302	PLU MENU22	PLU MENU 22	PLU_MENU22	No
303	PLU MENU23	PLU MENU 23	PLU_MENU23	No
304	PLU MENU24	PLU MENU 24	PLU_MENU24	No
305	PLU MENU25	PLU MENU 25	PLU_MENU25	No
306	PLU MENU26	PLU MENU 26	PLU_MENU26	No
307	PLU MENU27	PLU MENU 27	PLU_MENU27	No
308	PLU MENU28	PLU MENU 28	PLU_MENU28	No
309	PLU MENU29	PLU MENU 29	PLU_MENU29	No
310	PLU MENU30	PLU MENU 30	PLU_MENU30	No
311	PLU MENU31	PLU MENU 31	PLU_MENU31	No
312	PLU MENU32	PLU MENU 32	PLU_MENU32	No
313	PLU MENU33	PLU MENU 33	PLU_MENU33	No
314	PLU MENU34	PLU MENU 34	PLU_MENU34	No
315	PLU MENU35	PLU MENU 35	PLU_MENU35	No
316	PLU MENU36	PLU MENU 36	PLU_MENU36	No
317	PLU MENU37	PLU MENU 37	PLU_MENU37	No
318	PLU MENU38	PLU MENU 38	PLU_MENU38	No
319	PLU MENU39	PLU MENU 39	PLU_MENU39	No
320	PLU MENU40	PLU MENU 40	PLU_MENU40	No
321	PLU MENU41	PLU MENU 41	PLU_MENU41	No
322	PLU MENU42	PLU MENU 42	PLU_MENU42	No
323	PLU MENU43	PLU MENU 43	PLU_MENU43	No
324	PLU MENU44	PLU MENU 44	PLU_MENU44	No
325	PLU MENU45	PLU MENU 45	PLU_MENU45	No
326	PLU MENU46	PLU MENU 46	PLU_MENU46	No
327	PLU MENU47	PLU MENU 47	PLU_MENU47	No
328	PLU MENU48	PLU MENU 48	PLU_MENU48	No
329	PLU MENU49	PLU MENU 49	PLU_MENU49	No
330	PLU MENU50	PLU MENU 50	PLU_MENU50	No
331	MACRO1	MACRO1	MACRO1	Yes
332	MACRO2	MACRO2	MACRO2	Yes
333	MACRO3	MACRO3	MACRO3	Yes
334	MACRO4	MACRO4	MACRO4	Yes
335	CAPTURE1	CAP.1	CAP.1	Yes
336	CAPTURE2	CAP.2	CAP.2	Yes
337	CAPTURE3	CAP.3	CAP.3	Yes
338	CAPTURE4	CAP.4	CAP.4	Yes
339	CAPTURE5	CAP.5	CAP.5	Yes
340	CAPTURE6	CAP.6	CAP.6	Yes
341	CAPTURE7	CAP.7	CAP.7	Yes
342	CAPTURE8	CAP.8	CAP.8	Yes
343	CAPTURE9	CAP.9	CAP.9	Yes
344	CAPTURE10	CAP.10	CAP.10	Yes
345	FUNCTION MENU 1	FUNC MENU 01	FUNC _MENU01	No
346	FUNCTION MENU 2	FUNC MENU 02	FUNC _MENU02	No
347	FUNCTION MENU 3	FUNC MENU 03	FUNC _MENU03	No
348	FUNCTION MENU 4	FUNC MENU 04	FUNC _MENU04	No
349	FUNCTION MENU 5	FUNC MENU 05	FUNC _MENU05	No
350	FUNCTION MENU 6	FUNC MENU 06	FUNC _MENU06	No
351	FUNCTION MENU 7	FUNC MENU 07	FUNC _MENU07	No
352	FUNCTION MENU 8	FUNC MENU 08	FUNC _MENU08	No
353	FUNCTION MENU 9	FUNC MENU 09	FUNC _MENU09	No
354	FUNCTION MENU 10	FUNC MENU 10	FUNC _MENU10	No
355	FUNCTION MENU 11	FUNC MENU 11	FUNC _MENU11	No
356	FUNCTION MENU 12	FUNC MENU 12	FUNC _MENU12	No
357	FUNCTION MENU 13	FUNC MENU 13	FUNC _MENU13	No
358	FUNCTION MENU 14	FUNC MENU 14	FUNC _MENU14	No
359	FUNCTION MENU 15	FUNC MENU 15	FUNC _MENU15	No
360	FUNCTION MENU 16	FUNC MENU 16	FUNC _MENU16	No

Jump to key No.	FUNCTION	DISPLAY KEY	TOUCH KEY Text	Func. Menu
361	FUNCTION MENU 17	FUNC MENU 17	FUNC _MENU17	No
362	FUNCTION MENU 18	FUNC MENU 18	FUNC _MENU18	No
363	FUNCTION MENU 19	FUNC MENU 19	FUNC _MENU19	No
364	FUNCTION MENU 20	FUNC MENU 20	FUNC _MENU20	No
365	FUNCTION MENU 21	FUNC MENU 21	FUNC _MENU21	No
366	FUNCTION MENU 22	FUNC MENU 22	FUNC _MENU22	No
367	FUNCTION MENU 23	FUNC MENU 23	FUNC _MENU23	No
368	FUNCTION MENU 24	FUNC MENU 24	FUNC _MENU24	No
369	FUNCTION MENU 25	FUNC MENU 25	FUNC _MENU25	No
370	FUNCTION MENU 26	FUNC MENU 26	FUNC _MENU26	No
371	FUNCTION MENU 27	FUNC MENU 27	FUNC _MENU27	No
372	FUNCTION MENU 28	FUNC MENU 28	FUNC _MENU28	No
373	FUNCTION MENU 29	FUNC MENU 29	FUNC _MENU29	No
374	FUNCTION MENU 30	FUNC MENU 30	FUNC _MENU30	No
375	GASOLINE SALES SBTL 1	GAS1 ST	GAS1_ST	Yes
376	GASOLINE SALES SBTL 2	GAS2 ST	GAS2_ST	Yes
377	GASOLINE SALES SBTL 3	GAS3 ST	GAS3_ST	Yes
378	GASOLINE SALES SBTL 4	GAS4 ST	GAS4_ST	Yes
379	GASOLINE SALES SBTL 5	GAS5 ST	GAS5_ST	Yes
380	GASOLINE SALES SBTL 6	GAS6 ST	GAS6_ST	Yes
381	GASOLINE SALES SBTL 7	GAS7 ST	GAS7_ST	Yes
382	GASOLINE SALES SBTL 8	GAS8 ST	GAS8_ST	Yes
383	GASOLINE SALES SBTL 9	GAS9 ST	GAS9_ST	Yes
384	GASOLINE SALES SBTL 10	GAS10 ST	GAS10_ST	Yes
385	GASOLINE SALES SBTL 11	GAS11 ST	GAS11_ST	Yes
386	GASOLINE SALES SBTL 12	GAS12 ST	GAS12_ST	Yes
387	GASOLINE SALES SBTL 13	GAS13 ST	GAS13_ST	Yes
388	GASOLINE SALES SBTL 14	GAS14 ST	GAS14_ST	Yes
389	GASOLINE SALES SBTL 15	GAS15 ST	GAS15_ST	Yes
390	GASOLINE SALES SBTL 16	GAS16 ST	GAS16_ST	Yes
391	GASOLINE SALES SBTL 17	GAS17 ST	GAS17_ST	Yes
392	GASOLINE SALES SBTL 18	GAS18 ST	GAS18_ST	Yes
393	GASOLINE SALES SBTL 19	GAS19 ST	GAS19_ST	Yes
394	GASOLINE SALES SBTL 20	GAS20 ST	GAS20_ST	Yes
395	GASOLINE SALES SBTL 21	GAS21 ST	GAS21_ST	Yes
396	GASOLINE SALES SBTL 22	GAS22 ST	GAS22_ST	Yes
397	GASOLINE SALES SBTL 23	GAS23 ST	GAS23_ST	Yes
398	GASOLINE SALES SBTL 24	GAS24 ST	GAS24_ST	Yes
399	GASOLINE SALES SBTL 25	GAS25 ST	GAS25_ST	Yes
400	GASOLINE SALES SBTL 26	GAS26 ST	GAS26_ST	Yes
401	GASOLINE SALES SBTL 27	GAS27 ST	GAS27_ST	Yes
402	GASOLINE SALES SBTL 28	GAS28 ST	GAS28_ST	Yes

[TOUCH KEY DISPLAY]

Touch key (2 x 6 character) is displayed by centering as follows.

Text sample	1 2 3 4 5 6	
a	a	
ab	a b	
abc	a b c	
abcd	a b c d	
abcde	a b c d e	
abcdef	a b c d e f	
abcdefg	a b c d e f g	
abcde_fg	a b c d e f g	
abcdef_g	a b c d e f g	
abcdef_gh	a b c d e f g h	
abcdef_ghi	a b c d e f g h i	
abcdef_ghij	a b c d e f g h i j	
abcdef_ghijk	a b c d e f g h i j k	
abcdefghijkl	a b c d e f g h i j k l	"f" is began on a new line.
abcdefgh	a b c d e f g h	
a_bcdefg	a b c d e f	"g" is not displayed.

Symbol's "_" is began on a new line. A second "_" symbol will be ignored by the system. Maximum of 2 lines for description.

More than 7 characters after "_" cannot be set.

4. KEY INITIAL [#951]

Key text, key color, and menu title of HOME MENU DISPLAY and FUNCTION MENU are initialized.

KEY POSITION CODE

Normal key version

↑R	↑J	16	22	28	34	40	46	52	58	64	70	76	82
5	10	15	21	27	33	39	45	51	57	63	69	75	81
4	9	14	20	26	32	38	44	50	56	62	68	74	80
3	8	13	19	25	31	37	43	49	55	61	67	73	79
2	7	12	18	24	30	36	42	48	54	60	66	72	78
1	6	11	17	23	29	35	41	47	53	59	65	71	77

Flat key version

↑R	↑J	25	34	43	52	61	70	79	88	97	106	115	124	133	142
8	16	24	33	42	51	60	69	78	87	96	105	114	123	132	141
7	15	23	32	41	50	59	68	77	86	95	104	113	122	131	140
6	14	22	31	40	49	58	67	76	85	94	103	112	121	130	139
5	13	21	30	39	48	57	66	75	84	93	102	111	120	129	138
4	12	20	29	38	47	56	65	74	83	92	101	110	119	128	137
3	11	19	28	37	46	55	64	73	82	91	100	109	118	127	136
2	10	18	27	36	45	54	63	72	81	90	99	108	117	126	135
1	9	17	26	35	44	53	62	71	80	89	98	107	116	125	134

5. HOME MENU DISPLAY [#952]

HOME MENU DISPLAY

Item	(text)	Range/Detail	MRS
MENU title	MENU TITLE	16 digits text	HOME MENU
HOME key#1	(nothing)	Function key list (All key)	INHIBIT
HOME key#2	(nothing)	Function key list (All key)	INHIBIT
: :	: :	: :	
HOME key#15	(nothing)	Function key list (All key)	INHIBIT

It can be programmed any function keys except B.S. keys.

6. PROGRAMMING OF THE Z CONTER

[JOB#930]

Z REPORT COUNTER : Z COUNTER

DISPLAY TEXT	CONTENTS	MRS
TRANS. Z1	Transaction Z1 report counter	0000
CONSOLI.TRAN.Z1	Consolidation transaction Z1 report counter	0000
SERVER Z1/Z2	Server Z1/Z2 report counter	0000
HOURLY Z1	Hourly Z1 report counter	0000
PLU/UPC Z1/Z2	PLU/UPC Z1/Z2 report counter	0000
GLU Z1	GLU/PBLU Z1 report counter	0000
TRANS. Z2	Transaction Z2 report counter	0000
CONSOLI.TRAN.Z2	Consolidation Z2 report counter	0000
DAILY NET Z2	Daily net Z2 report counter	0000
DEPARTMENT Z1	Department Z1 report counter	0000
DEPARTMENT Z2	Department Z2 report counter	0000
EJ Z1	EJ Z1 REPORT COUNTER	0000

[JOB#942]

GRAND TOTAL : GT

DISPLAY TEXT	CONTENTS	MRS
POSITIVE GT	GT2 (Positive GT): 13 digits	0000000000000
NEGATIVE GT	GT3 (Negative GT): 13 digits	0000000000000
TRAINING GT	Training GT : 13 digits	0000000000000

GT1 is obtained by the following equation.

EQUATION: GT1 = GT2 - GT3

GT programming will be inhibited after MRS3 operation.

JOB#989 memory initial can be executed after MRS3 operation.

7. PROGRAMMING OF PGM2-MODE SECRET CODES

[JOB#944]

MODE SECRET# : MODE SECRET#

DISPLAY TEXT	CONTENTS	MRS
OP XZ MODE	OP X/Z mode secret code (4 digits)	0000
X1 OPERATE	X1 operation secret code (4 digits)*1	0000
Z1 OPERATE	Z1 operation secret code (4 digits)*2	0000
X2 OPERATE	X2 operation secret code (4 digits)*1	0000
Z2 OPERATE	Z2 operation secret code (4 digits)*2	0000
PGM1 MODE	PGM1 mode secret code (4 digits)	0000
PGM2 MODE	PGM2 mode secret code (4 digits)	0000
SD CARD MODE	SD card mode secret code (4 digits)	0000

∗ If “0” is entered “compulsory secret code entry” is canceled.

∗ 1: “X OPERATION SECRET CODE” is used when an operator selects “READING” menu in X/Z mode.

∗ 2: “Z OPERATION SECRET CODE” is used when an operator selects the menu except “READING” (“RESETTING” etc.) in X/Z mode.

8. SRV FILE PROGRAMMING [JOB#971]

File creation, file deletion, and change of record count or block count.

[FILE TABLE GROUP LIST]

No.	Jump File group Name	NAME
1	Dept	DEPARTMENT
2	PLU	ITEMS
3	LINK PLU	TABLES
4	SERVER	PERSONNEL
5	GLU/PBLU (ALL)	GLU
6	KP BUFFER	OTHERS

If “06 ITEMS” is selected, cursor jumps to file No.6 “PLU/UPC”.

[FILE TABLE]

Group NO.	FILE NAME	TYPE	File table No. (Create / Erase)
1	DEPT	1	1,2,3,5,6 / 10
2	DEPT TEXT (8)	0	3
3	DEPT TEXT (16)	0	4
4	DEPT Mark Down	0	10 / 11,12,13,14
5	Dept Term	0	6,11
6	PLU/UPC	1	15,16,17,19,21,27,29, 31,33,35
7	PLU/UPC PRICE 1	0	17,27,29,31,33,35 / 28,30,32,34,36
8	PLU/UPC PRICE 1-6	0	18,37,39,41,43,45 / 38,40,42,44,46
9	PLU/UPC TEXT1 (8)	0	19
10	PLU/UPC TEXT1 (16)	0	20
11	PLU/UPC KP TEXT1 (12)	0	22
12	PLU/UPC TEXT 1-6 (8)	0	23
13	PLU/UPC TEXT 1-6 (16)	0	24
14	PLU/UPC KP TEXT 1-6 (12)	0	25
15	PLU stock	0	26
16	PLU ENH.SALES	0	29,30,31,32,33,34,35, 36,60, 61,62,63,195 / 196
17	PLU Term	0	28,30,32,34,36
18	DYNAMIC UPC	1	47,48,49,52,53,54,58, 60,62,195
19	DYNAMIC UPC PRICE 1	0	49,58,60,62,195 /59,61,63,196
20	DYNAMIC UPC PRICE 1-6	0	50,64,66,68,197 / 65,67,69,198
21	DYNAMIC UPC TEXT1 (8)	0	51
22	DYNAMIC UPC TEXT1 (16)	0	52
23	DYNAMIC UPC KP TEXT1 (12)	0	54
24	DYNAMIC UPC TEXT1-6 (8)	0	55
25	DYNAMIC UPC TEXT1-6 (16)	0	56
26	DYNAMIC UPC KP TEXT 1-6 (12)	0	57
27	Term DYNAMIC UPC	0	59, 61, 63, 196
28	UPC PGM PICK UP	1	70

Group NO.	FILE NAME	TYPE	File table No. (Create / Erase)
29	DYNAMIC UPC PGM PICK UP	1	71
30	EAN X/Z PICK UP	1	72
31	DYNAMIC UPC X/Z PICK UP	1	194
32	Link PLU	1	73
33	Combo Meal	1	74,75,272
34	Combo Meal KP TEXT	0	76
35	Condiment table	1	80,81,154
36	Mix&Match Table	1	82,83,214
37	Mix&Match Sold Buffer	1	84,207
38	Server	1	91,92,93,94,95 / 96, 97,98,99,102
39	Server Term	0	96
40	Sign off Server (IRC)	2	105,106
41	Manager	1	107
42	GLU/PBLU (Preset + buffer)	3	132,157,158
43	Closed GLU	1	133,199
44	AUTO GLU Generate code	1	134
45	GLU/PBLU Rcv buffer (IRC)	2	124
46	GLU/PBLU file (Preset Only)	3	132,157,158
47	B.S./B.T. buffer (buffer Only)	0	122
48	Repeat round buffer	0	160,206
49	KP buffer	0	123,161
50	KP (IRC)	1	142,143
51	Message text (KP)	0	155,156
52	Term Transaction	0	87
53	All of term file	0	6,11,28,30,32,34,36,59, 61,63,87,96,196
54	Hourly	1	108,109
55	Daily net	1	113,114
56	Reg buffer	1	119,120,121,122,149, 151,159,160,202,203, 204,205 / 124,125,127,130,131, 148,154,123,161,206, 214
57	CUSTOMER	1	162,163
58	CUSTOMER (SALES)	1	164,208,209
59	T-LOG buffer	1	126
60	Journal Log buffer	1	128
61	Receipt Window buffer	1	129
62	Ind. Pay buffer	0	130,131,148,150
63	Positive No	1	166
64	Charge Positing	1	167
65	Negative No	1	169
66	Capture job	1	172,173
67	Capture job (sales)	3	174
68	RJE Command buffer	1	175,176,177,178,179, 180,181,182,183 / 184,185,186,187,188, 189,190
69	RJE Scheduler buffer	0	184,185,186,187,188, 189,190
70	ONLINE PRINT buffer	1	191
71	Mail Spool file (Machine)	1	192
72	Mail Spool file (Server)	4	193
73	RECEIVE CHARGE POSTING	1	168
74	ACCT BAL offline file	1	200
75	ELECTRONIC JOURNAL	1	212 / 213

Type 0	Create/Erase only
Type 1	Create/Erase and Increase/Decrease the number of records.
Type 2	Create/Erase and Increase/Decrease the number of blocks.
Type 3	Create/Erase and Increase/Decrease the number of records for label and data individually.
Type 4	Create/Erase and Increase/Decrease the number of records. (corresponding with the number of blocks)

∗ :The files which are created or erased by the entry of the group No.

∗∗: For individual erase

FILE CONTENTS

Table No.	File Name	Record				BLOCK			Label Size	Data Size
		MRS		MAX	#1	MRS	MAX	#2		
		Normal keyboard	Flat keyboard							
1	DEPT PRESET	20	10	99		1	1		1	15
2	PRICE	20	10	99	1	1	1		0	3
3	TEXT (8 chara.)	0		99	1	0	1		0	8
4	TEXT (16 chara.)	20	10	99	1	1	1		0	16
5	DAILY	20	10	99	1	1	1		0	13
6	TERM	20	10	99	1	1	1		0	13
7	SAVE DAILY	0		99	1	0	1		0	13
8	CONSOLI.	0		99	1	0	1		0	13
9	RECEIVE	0		99	1	0	1		0	13
10	DAILY (Markdown)	0		99	1	0	18		0	8
11	TERM (Markdown)	0		99	1	0	18		0	8
12	SAVE DAILY (Markdown)	0		99	1	0	18		0	8
13	CONSOL. (Markdown)	0		99	1	0	18		0	8
14	RECEIVE (Markdown)	0		99	1	0	18		0	8
15	PLU PRESET	1000	500	****		1	1		7+2	48
16	FLAG	1000	500	****	15	1	1		0	2
17	PRICE1	1000	500	****	15	1	1		0	3
18	PRICE1-6	0		****	15	0	1		0	18
19	TEXT1 (8 chara.)	0		****	15	0	1		0	8
20	TEXT1 (16 chara.)	1000	500	****	15	1	1		0	16
21	DISPLAY TEXT	1000	500	****	15	0	1		0	12
22	KP TEXT1	1000	500	****	15	1	1		0	12
23	TEXT1-6 (8 chara.)	0		****	15	0	1		0	48
24	TEXT1-6 (16 chara.)	0		****	15	0	1		0	96
25	KP TEXT1-6	0		****	15	0	1		0	72
26	STOCK	0		****	15	0	1		0	8
27	DAILY(Price1)	1000	500	****	15	1	1		0	9
28	TERM(Price1)	0		****	15	0	1		0	9
29	COMBO DAILY(Price1)	0	500	****	15	0	1		0	9
30	COMBO TERM(Price1)	0		****	15	0	1		0	9
31	WASTE DAILY(Price1)	0	500	****	15	0	1		0	9
32	WASTE TERM(Price1)	0		****	15	0	1		0	9
33	REFUND DAILY(Price1)	0	500	****	15	0	1		0	9
34	REFUND TERM(Price1)	0		****	15	0	1		0	9
35	COUPON DAILY(Price1)	0	500	****	15	0	1		0	9
36	COUPON TERM(Price1)	0		****	15	0	1		0	9
37	DAILY(Price1-6)	0		****	15	0	6		0	9
38	TERM(Price1-6)	0		****	15	0	6		0	9
39	COMBO DAILY(Price1-6)	0		****	15	0	6		0	9
40	COMBO TERM(Price1-6)	0		****	15	0	6		0	9
41	WASTE DAILY(Price1-6)	0		****	15	0	6		0	9
42	WASTE TERM(Price1-6)	0		****	15	0	6		0	9
43	REFUND DAILY(Price1-6)	0		****	15	0	6		0	9
44	REFUND TERM(Price1-6)	0		****	15	0	6		0	9
45	COUPON DAILY(Price1)	0		****	15	0	6		0	9
46	COUPON TERM(Price1)	0		****	15	0	6		0	9

Table No.	File Name	Record				BLOCK			Label Size	Data Size
		MRS		MAX	#1	MRS	MAX	#2		
		Normal keyboard	Flat keyboard							
47	DYNAMIC UPC PRESET	0		****		0	1		7+2	48
48	FLAG	0		****	47	0	1		0	2
49	PRICE1	0		****	47	0	1		0	3
50	PRICE1-6	0		****	47	0	1		0	18
51	TEXT1 (8 chara.)	0		****	47	0	1		0	8
52	TEXT1 (16 chara.)	0		****	47	0	1		0	16
53	DISPLAY TEXT	0		****	47	0	1		0	12
54	KP TEXT1	0		****	47	0	1		0	12
55	TEXT1-6 (8 chara.)	0		****	47	0	1		0	48
56	TEXT1-6 (16 chara.)	0		****	47	0	1		0	96
57	KP TEXT1-6	0		****	47	0	1		0	72
58	DAILY(Price1)	0		****	47	0	1		0	9
59	TERM(Price1)	0		****	47	0	1		0	9
60	WASTE DAILY(Price1)	0		****	47	0	1		0	9
61	WASTE TERM(Price1)	0		****	47	0	1		0	9
62	REFUND DAILY(Price1)	0		****	47	0	1		0	9
63	REFUND TERM(Price1)	0		****	47	0	1		0	9
64	DAILY(Price1-6)	0		****	47	0	6		0	9
65	TERM(Price1-6)	0		****	47	0	6		0	9
66	WASTE DAILY(Price1-6)	0		****	47	0	6		0	9
67	WASTE TERM(Price1-6)	0		****	47	0	6		0	9
68	REFUND DAILY(Price1-6)	0		****	47	0	6		0	9
69	REFUND TERM(Price1-6)	0		****	47	0	6		0	9
70	EAN PGM PICK UP	100		****		1	1		7+2	0
71	DYNAMIC EAN PGM PICK UP	0		****		0	1		7+2	0
72	EAN X/Z PICK UP	100		****		1	1		7+2	0
73	LINK PLU	10		99		1	1		1	35
74	COMBO MEAL	0	10	20		0	1		1	124
75	TEXT	0	10	20	74	0	1		0	16
76	KP TEXT	0	10	20	74	0	1		0	12
77	PLU MENU KEY	50		50		1	1		1	211
78	PLU MENU KEY2	50		50	77	1	1		1	84
79	PLU MENU KEY TEXT	50		50	77	1	1		1	16
80	Condiment Table	0	10	99		0	1		1	198
81	Condiment TEXT	0		****	80	0	1		1	16
82	MIX & MATCH TABLE	10		99		1	1		1	5
83	MIX & MATCH TEXT	10		99	82	1	1		1	12
84	MIX & MATCH SOLD	100		100	82	1	1		1	6
85	TRANSACTION LABEL	317		317		1	1		2	0
86	DAILY	317		317	85	1	1		0	9
87	TERM	317		317	85	1	1		0	9
88	SAVE DAILY	0		168	85	0	1		0	9
89	CONSOL.	0		168	85	0	1		0	9
90	RECEIVE	0		168	85	0	1		0	9
91	SERVER PRESET	15		255		1	1		2	115
92	FLAG	15		255	91	1	1		0	3
93	TEXT	15		255	91	1	1		0	8

Table No.	File Name	Record				BLOCK			Label Size	Data Size
		MRS		MAX	#1	MRS	MAX	#2		
		Normal keyboard	Flat keyboard							
94	SERVER TRNSACTION LABEL	160		160		15	15	91	2	0
95	DAILY	160		160	92	15	15	91	0	9
96	TERM	160		160	92	15	15	91	0	9
97	(Reserved)									
98	(Reserved)									
99	(Reserved)									
100	TOTAL SERVER (BUFFER) LABEL	96		96	92	1	1		2	0
101	TOTAL	96		96	92	1	1		0	9
102	(Reserved)									
103	(Reserved)									
104	(Reserved)									
105	SIGN OFF SERVER TRANS. LABEL	0		96	92	0	1		2	0
106	RECEIVE	0		96	105	0	1		0	9
107	MANAGER PRESET	0		99		0	1		0	2
108	HOURLY LABEL	96		96		1	1		1	0
109	DAILY	96		96	108	1	1		0	11
110	SAVE DAILY	0		96	108	0	1		0	11
111	CONSOL.	0		96	108	0	1		0	11
112	RECEIVE	0		96	108	0	1		0	11
113	DAILY NET LABEL	32		32		1	1		3	0
114	TOTAL	32		32	113	1	1		0	8
115	DAILY NET CONSOL. LABEL	0		32	113	0	1		3	0
116	CONSOL.	0		32	113	0	1		0	8
117	DAILY NET RCV LABEL	0		32	113	0	1		3	0
118	RECEIVE	0		32	113	0	1		0	8
119	Reg buffer	150		✱✱✱✱		1	1		0	62
120	Reg Edit buffer	150		✱✱✱✱	119	1	1		0	62
121	GLU/PBLU buffer	150		✱✱✱✱	119	1	1		0	62
122	B.S./B.T. buffer	0	150	✱✱✱✱	119	0	1		0	62
123	KP buffer	150		✱✱✱✱	119	2	2		0	52
124	GLU/PBLU Rcv buffer	0		✱✱✱✱	119	0	1		0	62
125	GLU/PBLU Save buffer	0		✱✱✱✱	119	0	1		0	62
126	T-LOG buffer	1200		✱✱✱✱		1	1		0	33
127	T-LOG RECEIVE buffer	0		✱✱✱✱	119	0	1		0	33
128	Journal Log buffer	100		✱✱✱✱		1	1		0	50
129	Receipt Window buffer	30		✱✱✱✱		1	1		3+2	20
130	Ind. PAY Reg Edit buffer	0		✱✱✱✱	119	0	1		0	62
131	Ind. PAY GLU/PBLU buffer	0		✱✱✱✱	119	0	1		0	62
132	GLU/PBLU	0-0	2-200	✱✱✱✱-✱✱✱✱		0	1		2+5	57
133	Closed GLU	0		✱✱✱✱		0	1		2+2	144
134	AUTO GLU Generate Code	0		✱✱✱✱		0	1		0	11
135	Logo Text	15		15		1	1		1	48
136	Function TEXT	457		457		1	1		2	12
137	Dept Group Text	9		9		1	1		1	12
138	PLU Group Text	99		99		1	1		1	12
139	Currency descriptor text	4		4		1	1		1	4
140	VP TEXT	3		3		1	1		1	48

Table No.	File Name	Record				BLOCK			Label Size	Data Size
		MRS		MAX	#1	MRS	MAX	#2		
		Normal keyboard	Flat keyboard							
141	SCROLL MESSAGE TEXT	1		1		1	1		1	64
142	KP PRESET	9		9		1	1		1	4
143	KP TEXT	9		9	142	1	1		0	12
144	Direct Key Table	142		142		1	1		1	35
145	Scale Table	9		9		1	1		1	2
146	Auto Key Table	99		99		1	1		2	100
147	Stacked Report Table	20		20		2	2		1	16
148	Ind. Pay Reg buffer	0		****	119	0	1		0	470
149	Bill buffer	150		****	119	1	1		0	62
150	Ind. Pay Itemizer buffer	0		****		0	1		1	650
151	Copy Buffer	150		****	119	1	1		0	62
152	BS DESTINATION BUFFER	30		****		1	1		3+2	20
153	BS SOURCE BUFFER	30		****		1	1		3+2	20
154	CONDIMENT EDIT buffer	0	150	****	119	0	1		0	62
155	Message Preset	5		5		1	1		1	2
156	Message Text	5		5		1	1		0	16
157	OPEN GLU BUFFER	0	150	****	130	0	1		4	16
158	DISP OPEN GLU BUFFER	0	150	****	132	0	1		2	18
159	Receipt Window Display BUFFER	150		****	119	1	1		0	62
160	REPEAT ROUND BUFFER	150		****	119	1	1		0	32
161	Reg buffer FOR KP	150		****	119	1	1		0	62
162	CUSTOMER PRESET	0		****		0	1		7	8
163	TEXT	0		****	162	0	1		0	80
164	CUSTOMER SALES	0-0		****-****	162	0	1		7+5	20
165	MACRO TABLE	4		4		1	1		1	30
166	POSITIVE#	100	50	****		1	1		8	0
167	CHARGE POSTING (POSITIVE#SALES)	100	50	****		1	1		2	14
168	CHARGE POSTING FOR IRC RCV	0		****	167	0	1		2	14
169	NEGATIVE#	100	50	****		1	1		8	1
170	CAPTURE KEY PRESET	10		10		1	1		1	2
171	CAPTURE KEY TEXT	10		10	170	1	1		0	12
172	CAPTURE JOB PRESET	10		99		1	1		1	12
173	CAPTURE JOB TEXT	10		99	172	1	1		0	52
174	CAPTURE SALES	10-200	10-100	99-****	172	1	1		1	29
175	RJE BUFFER	3		****		1	1		0	6
176	COMMNAD BUFFER	3		****		1	1		0	7
177	PFLD1 BUFFER	3		****		1	1		0	5
178	PFLD2 BUFFER	3		****		1	1		0	255
179	PFLD3 BUFFER	3		****		1	1		0	255
180	PFLD4 BUFFER	3		****		1	1		0	255
181	PFLD5 BUFFER	3		****		1	1		0	3
182	STATUS ONLINE BUFF	3		****		1	1		0	4
183	STATUS INLINE BUFFER	3		****		1	1		0	254
184	RJE SCHEDULE BUFFER	0		****	175	0	1		1	6
185	SCHEDULE COMMNAD BUFFER	0		****	175	0	1		0	7
186	SCHEDULE PFLD1 BUFFER	0		****	175	0	1		0	5

Table No.	File Name	Record				BLOCK			Label Size	Data Size
		MRS		MAX	#1	MRS	MAX	#2		
		Normal keyboard	Flat keyboard							
187	SCHEDULE PFLD2 BUFFER	0		****	175	0	1		0	150
188	SCHEDULE PFLD3 BUFFER	0		****	175	0	1		0	150
189	SCHEDULE PFLD4 BUFFER	0		****	175	0	1		0	150
190	SCHEDULE PFLD5 BUFFER	0		****	175	0	1		0	3
191	ONLINE PRINT SPOOL	150		****		1	1		0	20
192	MACHINE MESSAGE SPOOL FILE	0		****		0	1		0	20
193	SERVER MESSAGE SPOOL FILE	0		****		0	15	91	0	20
194	DYNAMIC EAN X/Z PICK UP	0		****		0	1		7+2	0
195	D-EAN COUPON DAILY (Price1)	0		****	48	0	1		0	9
196	D-EAN COUPON TERM (Price1)	0		****	48	0	1		0	9
197	D-EAN COUPON DAILY (Price1-6)	0		****	48	0	6		0	9
198	D-EAN COUPON TERM (Price1-6)	0		****	48	0	6		0	9
199	CLOSED GLU AMOUNT	0		****	131	0	1		2+2	145
200	ACCOUNT BALANCE OFFLINE	0		****		0	1		0	108
201	Cat Print Image Buffer	100		****		5	5		0	48
202	HOLD REG BUFFER	0		32	119	0	1		0	62
203	HOLD Receipt Window Display BUFFER	0		32	119	0	1		0	62
204	HOLD REG EDIT BUFFER	0		32	119	0	1		0	62
205	HOLD GLU/PBLU BUFFER	0		32	119	0	1		0	62
206	HOLD REPEAT ROUND BUFFER	0		32	119	0	1		0	32
207	HOLD MIX&MATCH SOLD BUFFER	100		100	84	2	1		0	24
208	Customer WORK Label	0		160	85	0	1		2	0
209	Customer WORK Daily	0		****	208	0	1		0	9
210	Customer receive WORK Label	0		****	85	0	1		2	0
211	Customer receive WORK Daily	0		****	210	0	1		0	9
212	Electronic Journal buffer1	1500		****		1	1		0	30
213	Electronic Journal consol Buffer	0		****	212	0	1		0	30
214	MIX&MATCH DISC. BUFFER	0		32	119	0	1		0	62
215	PLU save Daily (Price1)	0		****	15	0	1		0	9
216	PLU consol (Price1)	0		****	15	0	1		0	9
217	PLU receive (Price1)	0		****	15	0	1		0	9
218	PLU (Combo) save Daily (Price1)	0		****	15	0	1		0	9
219	PLU (Combo) consol (Price1)	0		****	15	0	1		0	9
220	PLU (Combo) receive (Price1)	0		****	15	0	1		0	9
221	PLU (Waste) save Daily (Price1)	0		****	15	0	1		0	9
222	PLU (Waste) consol (Price1)	0		****	15	0	1		0	9
223	PLU (Waste) receive (Price1)	0		****	15	0	1		0	9
224	PLU (Refund) save Daily (Price1)	0		****	15	0	1		0	9
225	PLU (Refund) consol (Price1)	0		****	15	0	1		0	9
226	PLU (Refund) receive (Price1)	0		****	15	0	1		0	9
227	PLU (Coupon) save Daily (Price1)	0		****	15	0	1		0	9
228	PLU (Coupon) consol (Price1)	0		****	15	0	1		0	9
229	PLU (Coupon) receive (Price1)	0		****	15	0	1		0	9
230	PLU save Daily (Price1-6)	0		****	15	0	6		0	9
231	PLU consol (Price1-6)	0		****	15	0	6		0	9
232	PLU receive (Price1-6)	0		****	15	0	6		0	9
233	PLU (Combo) save Daily(Price1-6)	0		****	15	0	6		0	9

Table No.	File Name	Record				BLOCK			Label Size	Data Size
		MRS		MAX	#1	MRS	MAX	#2		
		Normal keyboard	Flat keyboard							
234	PLU (Combo) consol (Price1-6)	0		****	15	0	6		0	9
235	PLU (Combo) receive (Price1-6)	0		****	15	0	6		0	9
236	PLU (Waste) save Daily (Price1-6)	0		****	15	0	6		0	9
237	PLU (Waste) consol (Price1-6)	0		****	15	0	6		0	9
238	PLU (Waste) receive (Price1-6)	0		****	15	0	6		0	9
239	PLU (Refund) save Daily (Price1-6)	0		****	15	0	6		0	9
240	PLU (Refund) consol (Price1-6)	0		****	15	0	6		0	9
241	PLU (Refund) receive (Price1-6)	0		****	15	0	6		0	9
242	PLU (Coupon) save Daily (Price1-6)	0		****	15	0	6		0	9
243	PLU (Coupon) consol (Price1-6)	0		****	15	0	6		0	9
244	PLU (Coupon) receive (Price1-6)	0		****	15	0	6		0	9
245	Daily Deposit LABEL	70		****		1	1		2	0
246	Daily Deposit Daily	70		****	245	1	1		0	9
247	Win Select Buffer	300		****		1	1		2	0
248	Dynamic UPC save Daily (Price1)	0		****	47	0	1		0	9
249	Dynamic UPC consol (Price1)	0		****	47	0	1		0	9
250	Dynamic UPC receive (Price1)	0		****	47	0	1		0	9
251	D-UPC (Waste) save Daily (Price1)	0		****	47	0	1		0	9
252	D-UPC (Waste) consol (Price1)	0		****	47	0	1		0	9
253	D-UPC (Waste) receive (Price1)	0		****	47	0	1		0	9
254	D-UPC (Refund) save0 Daily (Price1)	0		****	47	0	1		0	9
255	D-UPC (Refund) consol (Price1)	0		****	47	0	1		0	9
256	D-UPC (Refund) receive (Price1)	0		****	47	0	1		0	9
257	D-UPC (Coupon) save0 Daily (Price1)	0		****	47	0	1		0	9
258	D-UPC (Coupon) consol (Price1)	0		****	47	0	1		0	9
259	-UPC (Coupon) receive (Price1)	0		****	47	0	1		0	9
260	D-UPC save Daily (Price1-6)	0		****	47	0	6		0	9
261	D-UPC consol (Price1-6)	0		****	47	0	6		0	9
262	D-UPC receive (Price1-6)	0		****	47	0	6		0	9
263	D-UPC (Waste) save Daily (Price1-6)	0		****	47	0	6		0	9
264	D-UPC (Waste) consol (Price1-6)	0		****	47	0	6		0	9
265	D-UPC (Waste) receive (Price1-6)	0		****	47	0	6		0	9
266	D-UPC (Refund) save0 Daily (Price1-6)	0		****	47	0	6		0	9
267	D-UPC (Refund) consol (Price1-6)	0		****	47	0	6		0	9
268	D-UPC (Refund) receive (Price1-6)	0		****	47	0	6		0	9
269	D-UPC (Coupon) save0 Daily (Price1-6)	0		****	47	0	6		0	9
270	D-UPC (Coupon) consol (Price1-6)	0		****	47	0	6		0	9
271	D-UPC (Coupon) receive (Price1-6)	0		****	47	0	6		0	9
272	D-UPC (Coupon) consol (Price1)	0		****	47	0	1		0	9
273	D-UPC (Coupon) receive (Price1)	0		****	47	0	1		0	9
274	D-UPC save Daily (Price1-6)	0		****	47	0	6		0	9
275	D-UPC consol (Price1-6)	0		****	47	0	6		0	9
276	D-UPC receive (Price1-6)	0		****	47	0	6		0	9
277	D-UPC (Waste) save Daily (Price1-6)	0		****	47	0	6		0	9
278	D-UPC (Waste) consol (Price1-6)	0		****	47	0	6		0	9
279	D-UPC (Waste) receive (Price1-6)	0		****	47	0	6		0	9
280	D-UPC (Refund) save0 Daily (Price1-6)	0		****	47	0	6		0	9

Table No.	File Name	Record				BLOCK			Label Size	Data Size
		MRS		MAX	#1	MRS	MAX	#2		
		Normal keyboard	Flat keyboard							
281	D-UPC (Refund) consol (Price1-6)	0		∗∗∗∗	47	0	6		0	9
282	D-UPC (Refund) receive (Price1-6)	0		∗∗∗∗	47	0	6		0	9
283	D-UPC (Coupon) save0 Daily (Price1-6)	0		∗∗∗∗	47	0	6		0	9
284	D-UPC (Coupon) consol (Price1-6)	0		∗∗∗∗	47	0	6		0	9
285	D-UPC (Coupon) receive (Price1-6)	0		∗∗∗∗	47	0	6		0	9
286	AUTO COMBO BUFFER	0		99	74	1	1		1	102

#1 : Same as the number of record of table no. N

#2 : The number of table is same as the number of record of table no. N

- : (Number of index record) - (Number of data record)

9. SUPERVISOR MODE ON/OFF

[JOB#985]

SUPERVISOR MODE : SUPERVISOR

TEXT	CONTENTS	MRS
SUPERVISOR MODE	ON/OFF	OFF

Note: Secret code for all modes are ignored when supervisor mode is "ON".

10.MEMORY INITIALIZE (EXCEPT GT MEMORY)

[JOB#989]

MEMORY INITIAL : MEMORY INITIAL

TEXT	CONTENTS	MRS
MEMORY INITIAL	YES/NO	NO

Totalizer memory initialize (except GT memory and EJ)

All of counter, totalizer are initialized. But, GT1-GT3, EJ memory is remained.

11.BACKUP DATA SEND/RECEIVE

[JOB#996]

DATA SEND : DATA SEND

SEND DATA	ALL SSP
SPEED	PROGRAMMED SPEED 38400 bps 19200 bps 9600 bps 4800 bps 2400 bps

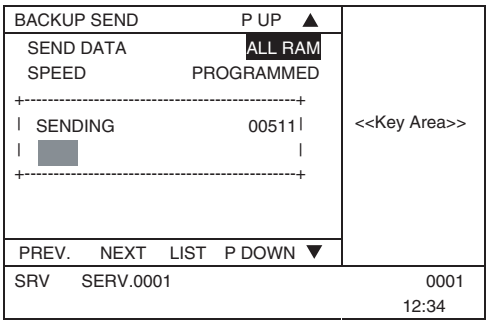
[JOB#998]

DATA RECEIVE : DATA RECEIVE

SPEED	PROGRAMMED SPEED 38400 bps 19200 bps 9600 bps 4800 bps 2400 bps

∗ "PROGRAMMED" means "SPEED is specified by SRV#903-A".

DISPLAY during transmission



∗ Customer Display is not changed.

PRINT at the end of the job

The message is printed on JOURNAL only.

Print (30 digits)	CONTENTS
(HEADER) BACKUP SEND SEND OK	JOB TITLE is printed. MESSAGE is printed. (This is Normal End Message)
(HEADER) BACKUP RECEIVE RECEIVE OK	JOB TITLE is printed. MESSAGE is printed. (This is Normal End Message)
COM. ERROR XX	ERROR MESSAGE, ERROR CODE
DATA ERROR XX	ERROR MESSAGE, ERROR CODE
COM. TIME-OUT	ERROR MESSAGE

∗ All ERROR MESSAGE are fixed.

∗ ERROR CODE : 01 = ID No. error (ID No. in IDENQ is not correct.)
02 = Parity error
03 = Check sum error
04 = Data size error
05 = Hardware error
06 = Power off error
07 = Time out error
11 = Transmit data size error
12 = Block sequence error
(Irregular sequence No. has been received)
13 = NAK code error
(NAK code has been received.)
15 = ECR TYPE error
(Models of two ECR is different.)

[JOB#990]

SSP INPUT

TEXT	CONTENTS
SSP#	SSP No. Entry

(STEP#)	SSP DATA

[JOB#991]

SSP EDIT

TEXT	CONTENTS
SSP#	SSP No. Entry

(STEP#)	SSP DATA

[JOB#992]

SSP ALL CLEAR

Message	CONTENTS
ARE YOU SURE ?	Yes / No

[JOB#993]

SSP IND. CLEAR

Message	CONTENTS
SSP#	SSP No. Entry

12.MAINTENANCE DATA RESTRICTION BY ACCOUNT [JOB#850]

PLU/UPC

Item	(text)	Range/Detail	MRS default
Unit price1	PRICE 1	DISABLE/ENABLE	ENABLE
Unit price2	PRICE 2	DISABLE/ENABLE	ENABLE
Unit price3	PRICE 3	DISABLE/ENABLE	ENABLE
Unit price4	PRICE 4	DISABLE/ENABLE	ENABLE
Unit price5	PRICE 5	DISABLE/ENABLE	ENABLE
Unit price6	PRICE 6	DISABLE/ENABLE	ENABLE
Name for price1	NAME1	DISABLE/ENABLE	ENABLE
Name for price2	NAME2	DISABLE/ENABLE	ENABLE
Name for price3	NAME3	DISABLE/ENABLE	ENABLE
Name for price4	NAME4	DISABLE/ENABLE	ENABLE
Name for price5	NAME5	DISABLE/ENABLE	ENABLE
Name for price6	NAME6	DISABLE/ENABLE	ENABLE
KP Text for price1	KP TEXT1	DISABLE/ENABLE	ENABLE
KP Text for price2	KP TEXT2	DISABLE/ENABLE	ENABLE
KP Text for price3	KP TEXT3	DISABLE/ENABLE	ENABLE
KP Text for price4	KP TEXT4	DISABLE/ENABLE	ENABLE
KP Text for price5	KP TEXT5	DISABLE/ENABLE	ENABLE
KP Text for price6	KP TEXT6	DISABLE/ENABLE	ENABLE
DISPLAY TEXT	TOUCH KEY TEXT	DISABLE/ENABLE	ENABLE
Associate DEPT.	DEPT.CODE	DISABLE/ENABLE	ENABLE
Sign	SIGN	DISABLE/ENABLE	ENABLE
Amount entry type	ENTRY TYPE	DISABLE/ENABLE	ENABLE
Base Q'ty	BASE QTY	DISABLE/ENABLE	ENABLE
MINIMUM STOCK	MINIMUM STOCK	DISABLE/ENABLE	ENABLE
Price shift	PRICE SHIFT	DISABLE/ENABLE	ENABLE
Entry of zero price in Price shift 1	ZERO OF PRICE1	DISABLE/ENABLE	ENABLE
Entry of zero price in Price shift 2	ZERO OF PRICE2	DISABLE/ENABLE	ENABLE
Entry of zero price in Price shift 3	ZERO OF PRICE3	DISABLE/ENABLE	ENABLE
Entry of zero price in Price shift 4	ZERO OF PRICE4	DISABLE/ENABLE	ENABLE
Entry of zero price in Price shift 5	ZERO OF PRICE5	DISABLE/ENABLE	ENABLE
Entry of zero price in Price shift 6	ZERO OF PRICE6	DISABLE/ENABLE	ENABLE
Coupon object PLU	COUPON OBJECT	DISABLE/ENABLE	ENABLE
Menu type	MENU TYPE	DISABLE/ENABLE	ENABLE
Table No.	LINK TBL#	DISABLE/ENABLE	ENABLE
Mix&Match table No.	MIX&MATCH TBL#	DISABLE/ENABLE	ENABLE
Condiment table No.	CONDIMENT TBL#	DISABLE/ENABLE	ENABLE
Tare table No.	TARE TBL#	DISABLE/ENABLE	ENABLE
Condiment type	CONDIMENT TYPE	DISABLE/ENABLE	ENABLE
Condiment entry to menu item	CONDIMENT	DISABLE/ENABLE	ENABLE
Auto combo object	AUTO COMBO OBJECT	DISABLE/ENABLE	ENABLE
Auto Combo No.	AUTO COMBO No.	DISABLE/ENABLE	ENABLE
Scale	SCALE	DISABLE/ENABLE	ENABLE
Taxable 1	TAXABLE 1	DISABLE/ENABLE	ENABLE
Taxable 2	TAXABLE 2	DISABLE/ENABLE	ENABLE
Taxable 3	TAXABLE 3	DISABLE/ENABLE	ENABLE
Taxable 4	TAXABLE 4	DISABLE/ENABLE	ENABLE
Taxable 5	TAXABLE 5	DISABLE/ENABLE	ENABLE
Food Stampable/ Cash Benefit	FS/CASH BNF	DISABLE/ENABLE	ENABLE
Group discount	GROUP DISCOUNT	DISABLE/ENABLE	ENABLE
Age limitation	AGE LIMITATION	DISABLE/ENABLE	ENABLE
PLU grouping1	GROUP1	DISABLE/ENABLE	ENABLE
PLU grouping2	GROUP2	DISABLE/ENABLE	ENABLE
PLU grouping3	GROUP3	DISABLE/ENABLE	ENABLE
PLU priority Group for Printing at KP	PRIORITY GROUP	DISABLE/ENABLE	ENABLE
Print station	MODIFY OUTPUT	DISABLE/ENABLE	ENABLE

Item	(text)	Range/Detail	MRS default
Print station	OUTPUT KP No.1	DISABLE/ENABLE	ENABLE
Print station	OUTPUT KP No.2	DISABLE/ENABLE	ENABLE
Print station	OUTPUT KP No.3	DISABLE/ENABLE	ENABLE
Print station	CHIT RECEIPT	DISABLE/ENABLE	ENABLE
Repeat Rounds Registration	REPEAT ROUND	DISABLE/ENABLE	ENABLE
Doughnut Exempt object	DOUGHNUT EXEMPT	DISABLE/ENABLE	ENABLE
Key Data Entry Number	DATA ENT.JOB#	DISABLE/ENABLE	ENABLE
NON-Accessed Record delete function	NON-ACCESS	DISABLE/ENABLE	ENABLE

PLU OTHER PROGRAMMING

Item	(text)	Range/Detail	MRS
CONDIMENT TABLES	CONDIMENT TABLE	DISABLE/ENABLE	ENABLE
LINK PLU/UPC TABLES	LINK PLU TABLE	DISABLE/ENABLE	ENABLE
MIX & MATCH TABLES	MIX&MATCH	DISABLE/ENABLE	ENABLE
PLU MENU KEYS	PLU MENU KEY	DISABLE/ENABLE	ENABLE

COMBO MEAL TABLES

Item	(text)	Range/Detail	MRS
COMBO MEAL title	COMBO TITLE	DISABLE/ENABLE	ENABLE
COMBO KP text	KP	DISABLE/ENABLE	ENABLE
Condiment table No.	CONDIMENT TBL#	DISABLE/ENABLE	ENABLE
Condiment entry to menu item	CONDIMENT	DISABLE/ENABLE	ENABLE
PLU priority Group for Printing at KP	PRIORITY GR.	DISABLE/ENABLE	ENABLE
Print station	MODIFY OUT-PUT	DISABLE/ENABLE	ENABLE
Print station	OUTPUT KP No.1	DISABLE/ENABLE	ENABLE
Print station	OUTPUT KP No.2	DISABLE/ENABLE	ENABLE
Print station	OUTPUT KP No.3	DISABLE/ENABLE	ENABLE
Print station	CHIT RECEIPT	DISABLE/ENABLE	ENABLE
Key Data Entry Number	DATA ENT.JOB#	DISABLE/ENABLE	ENABLE
ASSOCIATED PLU CODE	COMBO PLU#	DISABLE/ENABLE	ENABLE
UNIT PRICE OF CODE	PRICE1	DISABLE/ENABLE	ENABLE
2'nd PRICE OF CODE	PRICE2	DISABLE/ENABLE	ENABLE

(-)

Item	(text)	Range/Detail	MRS default
Amount	AMOUNT	DISABLE/ENABLE	ENABLE
Text	TEXT	DISABLE/ENABLE	ENABLE
Sign	SIGN	DISABLE/ENABLE	ENABLE
Taxable 1	TAXABLE1	DISABLE/ENABLE	ENABLE
Taxable 2	TAXABLE2	DISABLE/ENABLE	ENABLE
Taxable 3	TAXABLE3	DISABLE/ENABLE	ENABLE
Taxable 4	TAXABLE4	DISABLE/ENABLE	ENABLE
Taxable 5	TAXABLE5	DISABLE/ENABLE	ENABLE
Food Stampable/ Cash Benefit	FS/CASH BNF	DISABLE/ENABLE	ENABLE
Group discount	GR.DISC.	DISABLE/ENABLE	ENABLE
HALO	HALO	DISABLE/ENABLE	ENABLE
Entry type	ENTRY TYPE	DISABLE/ENABLE	ENABLE
Entry allowed in REG mode	ENTRY IN REG	DISABLE/ENABLE	ENABLE
Key Data Entry Number	DATA ENT.JOB#	DISABLE/ENABLE	ENABLE
Coupon Table	PLU1	DISABLE/ENABLE	ENABLE
Coupon Table	PLU2	DISABLE/ENABLE	ENABLE
Coupon Table	PLU3	DISABLE/ENABLE	ENABLE
Coupon Table	PLU4	DISABLE/ENABLE	ENABLE
Coupon Table	PLU5	DISABLE/ENABLE	ENABLE
Coupon Table	PLU6	DISABLE/ENABLE	ENABLE
Coupon Table	PLU7	DISABLE/ENABLE	ENABLE
Coupon Table	PLU8	DISABLE/ENABLE	ENABLE
Coupon Table	PLU9	DISABLE/ENABLE	ENABLE
Coupon Table	PLU10	DISABLE/ENABLE	ENABLE
Coupon Table	PLU11	DISABLE/ENABLE	ENABLE
Coupon Table	PLU12	DISABLE/ENABLE	ENABLE
Coupon Table	PLU13	DISABLE/ENABLE	ENABLE
Coupon Table	PLU14	DISABLE/ENABLE	ENABLE
Coupon Table	PLU15	DISABLE/ENABLE	ENABLE
Coupon Table	PLU16	DISABLE/ENABLE	ENABLE
Coupon Table	PLU17	DISABLE/ENABLE	ENABLE
Coupon Table	PLU18	DISABLE/ENABLE	ENABLE
Coupon Table	PLU19	DISABLE/ENABLE	ENABLE
Coupon Table	PLU20	DISABLE/ENABLE	ENABLE

%

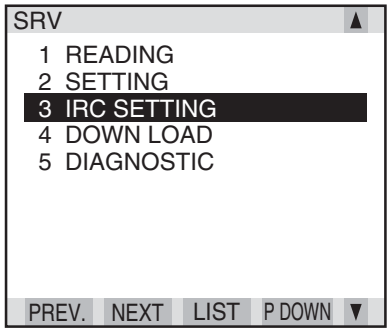
Item	(text)	Range/Detail	MRS default
Rate	RATE	DISABLE/ENABLE	ENABLE
Text	TEXT	DISABLE/ENABLE	ENABLE
Sign	SIGN	DISABLE/ENABLE	ENABLE
Taxable 1	TAXABLE1	DISABLE/ENABLE	ENABLE
Taxable 2	TAXABLE2	DISABLE/ENABLE	ENABLE
Taxable 3	TAXABLE3	DISABLE/ENABLE	ENABLE
Taxable 4	TAXABLE4	DISABLE/ENABLE	ENABLE
Taxable 5	TAXABLE5	DISABLE/ENABLE	ENABLE
Food Stampable/ Cash Benefit	FS/CASH BNF	DISABLE/ENABLE	ENABLE
Group discount	GR.DISC.	DISABLE/ENABLE	ENABLE
%HALO	%HALO	DISABLE/ENABLE	ENABLE
Entry type	ENTRY TYPE	DISABLE/ENABLE	ENABLE
Entry allowed in REG mode	ENTRY IN REG	DISABLE/ENABLE	ENABLE
Key Data Entry Number	DATA ENT.JOB#	DISABLE/ENABLE	ENABLE
Percent Table	PLU1	DISABLE/ENABLE	ENABLE
Percent Table	PLU2	DISABLE/ENABLE	ENABLE
Percent Table	PLU3	DISABLE/ENABLE	ENABLE
Percent Table	PLU4	DISABLE/ENABLE	ENABLE
Percent Table	PLU5	DISABLE/ENABLE	ENABLE
Percent Table	PLU6	DISABLE/ENABLE	ENABLE
Percent Table	PLU7	DISABLE/ENABLE	ENABLE
Percent Table	PLU8	DISABLE/ENABLE	ENABLE
Percent Table	PLU9	DISABLE/ENABLE	ENABLE
Percent Table	PLU10	DISABLE/ENABLE	ENABLE
Percent Table	PLU11	DISABLE/ENABLE	ENABLE
Percent Table	PLU12	DISABLE/ENABLE	ENABLE
Percent Table	PLU13	DISABLE/ENABLE	ENABLE
Percent Table	PLU14	DISABLE/ENABLE	ENABLE
Percent Table	PLU15	DISABLE/ENABLE	ENABLE
Percent Table	PLU16	DISABLE/ENABLE	ENABLE
Percent Table	PLU17	DISABLE/ENABLE	ENABLE
Percent Table	PLU18	DISABLE/ENABLE	ENABLE
Percent Table	PLU19	DISABLE/ENABLE	ENABLE
Percent Table	PLU20	DISABLE/ENABLE	ENABLE

CHAPTER 4. SRV MODE PROGRAMMING ("IRC SETTING")

1. MANUAL CLEAR AND RESET

This operation clears only the work memory for inline operations.
The program memory for inline operations remained unchanged even after the resetting here is performed. Inline communications can still be achieved.
Before trying to perform inline setup, configure a journal printer and review output for errors after completing IRC setup.

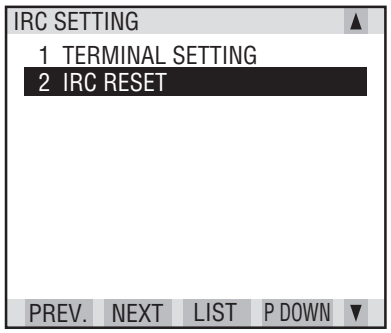
DISPLAY: SRV mode screen



Select "3 IRC SETTING" and press the ENTER key.

⬇

DISPLAY: IRC SETTING item selection screen



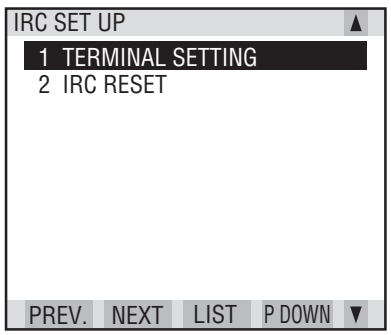
Select "2 IRC RESET" and press the ENTER key.

⬇

Manual clear job is executed.

2. [1 TERMINAL SETTING]

DISPLAY: Setting item selection screen

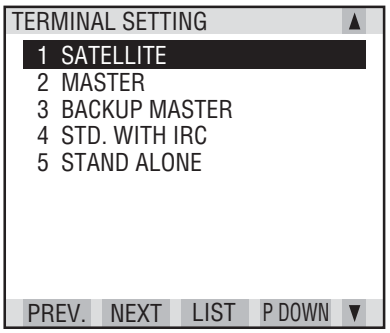


Select "1 TERMINAL SETTING" and press the ENTER key.
The contents of setting are shown in the table below.

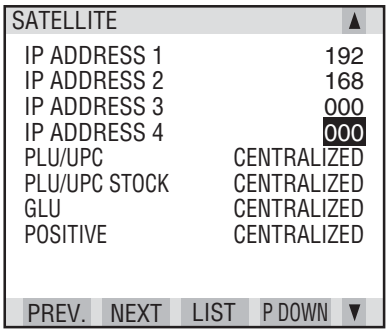
Note: Please set up satellite first, because downloading of inline presets is performed after master setup completion.

[1 SATELLITE]

DISPLAY: Setting screen



⬇



Select the item to be changed and press the ENTER key.

The setting content is described below.

Set Up List

DISPLAY TEXT	CONTENTS	SELECT ITEM	MRS
IP ADDRESS 1	Terminal number 1	000-254	192
IP ADDRESS 2	Terminal number 2	000-254	168
IP ADDRESS 3	Terminal number 3	000-254	000
IP ADDRESS 4	Terminal number 4	001-254	000
PLU/UPC	PLU/UPC	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
PLU/UPC STOCK	PLU/UPC stock	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
GLU	GLU system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
POSITIVE	POSITIVE# system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
NEGATIVE	NEGATIVE# system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
BACKUP MASTER	Backup master function	EXIST	NOT
		NOT	

Entry [TERMINAL NO.] WINDOW.

→The POS is changed from standalone POS to inline satellite POS.

SRV#902 a) is “1” (Inline exist.)
SRV#920 d) is “1” (This POS is satellite.)

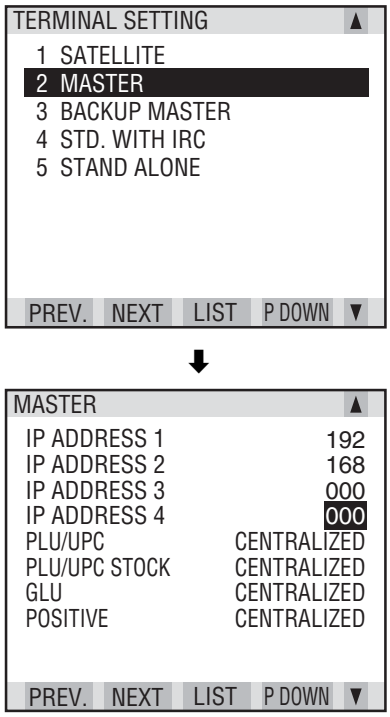
(PRESETTING OF TERMINAL NO./GLU SYSTEM/Etc.*) and (PRE-SETTING OF BACKUP MASTER) are acted.

∗Please refer to Set Up List.

(INLINE RAM CLEAR) is acted.
(INLINE FILES for Satellite) are created.

[2 MASTER]

DISPLAY: Setting screen



Select the item to be changed and press the ENTER key.

The setting content is described below.

Set Up List

DISPLAY TEXT	CONTENTS	SELECT ITEM	MRS
IP ADDRESS 1	Terminal number 1	000-254	192
IP ADDRESS 2	Terminal number 2	000-254	168
IP ADDRESS 3	Terminal number 3	000-254	000
IP ADDRESS 4	Terminal number 4	001-254	000
PLU/UPC	PLU/UPC system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
PLU/UPC STOCK	PLU/UPC stock	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
GLU	GLU system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
POSITIVE	POSITIVE# system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
NEGATIVE	NEGATIVE# system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
BACKUP MASTER	Backup master function	EXIST	NOT
		NOT	

Entry [TERMINAL NO.] WINDOW and [MASTER LIST] WINDOW.

→The POS is changed from standalone POS to inline master POS.

SRV#902 a) is “1” (Inline exist.)
SRV#920 d) is “2” (This POS is master.)

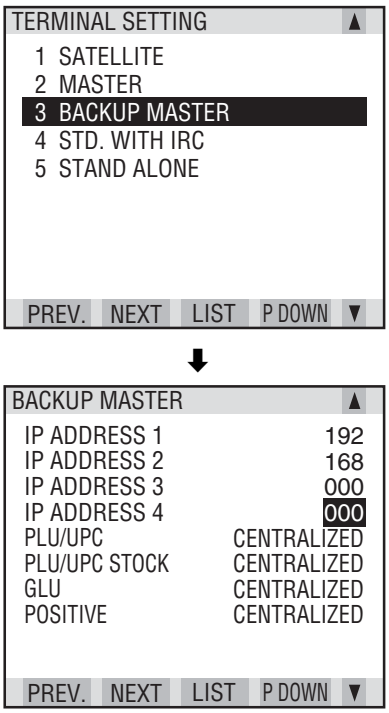
(PRESETTING OF TERMINAL NO./GLU SYSTEM/Etc.*) and (PRE-SETTING OF BACKUP MASTER) are acted.

∗Please refer to Set Up List.

(PRESETTING OF MASTER LIST.) is acted.
(INLINE FILES for Master) are created.
(INLINE RAM CLEAR) is acted.
(DOWN-LOADING OF INLINE PRESETS.) is acted.

[3 BACKUP MASTER]

DISPLAY: Setting screen



Select the item to be changed and press the ENTER key.

The setting content is described below.

Set Up List

DISPLAY TEXT	CONTENTS	SELECT ITEM	MRS
IP ADDRESS 1	Terminal number 1	000-254	192
IP ADDRESS 2	Terminal number 2	000-254	168
IP ADDRESS 3	Terminal number 3	000-254	000
IP ADDRESS 4	Terminal number 4	001-254	000
PLU/UPC	PLU/UPC system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
PLU/UPC STOCK	PLU/UPC stock	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
GLU	GLU system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
POSITIVE	POSITIVE# system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	
NEGATIVE	NEGATIVE# system	CENTRALIZED	CENTRALIZED
		INDIVIDUAL	

Entry [TERMINAL NO.] WINDOW.

→The POS is changed from standalone POS to inline satellite POS.

SRV#902 a) is “1” (Inline exist.)
SRV#920 d) is “3” (This POS is back up master.)

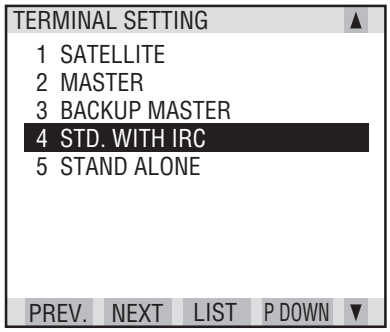
(PRESETTING OF TERMINAL NO./GLU SYSTEM/Etc.*) are acted.
(INLINE FILES for Backup master) are created.

∗ Please refer to Set Up List.

(INLINE RAM CLEAR) is acted.

[4 STD. WITH IRC]

DISPLAY: Setting screen



Select the item to be changed and press the ENTER key.

The setting content is described below.

Set Up List

DISPLAY TEXT	CONTENTS	SELECT ITEM	MRS
IP ADDRESS 1	Terminal number 1	000-254	192
IP ADDRESS 2	Terminal number 2	000-254	168
IP ADDRESS 3	Terminal number 3	000-254	000
IP ADDRESS 4	Terminal number 4	001-254	000

Entry [TERMINAL NO.] WINDOW.

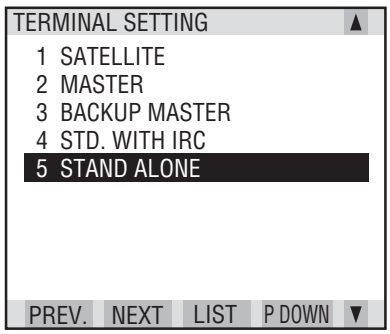
→The POS is changed from stand-alone POS to standalone with IRC POS.

SRV#902 a) is “1” (Inline exist.)
SRV#920 d) is “0” (This POS is standalone.)

(PRESETTING OF TERMINAL NO.) is acted.

[5 STAND ALONE]

Used to restore to a stand alone machine.



Entry [TERMINAL NO.] WINDOW.

→The POS is changed from inline POS to standalone POS.

SRV#902 a) is “0” (Inline not exist.)
SRV#920 d) is “0” (This POS is standalone.)

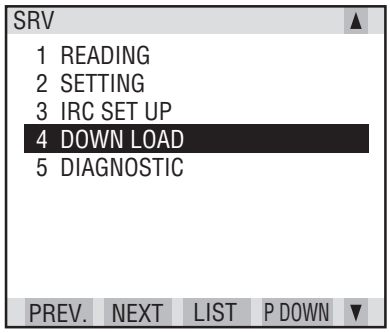
(PRESETTING OF TERMINAL NO.) is cleared.

CHAPTER 5. SRV MODE PROGRAMMING (“DOWN LOAD”)

The preset data of master machine is downloaded in satellite machines.

After IRC SETUP, using this setting procedure, download the setting data from the master.

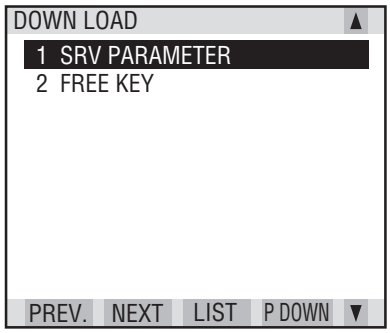
DISPLAY: SRV mode screen



Select “4 DOWN LOAD” and press the ENTER key.

⬇

DISPLAY: DOWN LOAD item selection screen



[1 SRV PARAMETER]-[JOB#800]

SRV PARAMETER

Including the machine parameter relating to in-line operations.
(“#902”, “#920-d:TERMINAL”, and “#921-d:MACHINE LOCATION” are not down-loaded.)

Mode secret code preset
Maintenance Restriction table

[2 FREE KEY]-[JOB#850]

FREE KEY LAYOUT

Home /Function Menu table
Key Name/Attribute table

CHAPTER 6. SRV MODE PROGRAMMING (“SD CARD MODE”)

In ECR, SD CARD is the tool for providing the each data of ECR to by offline and saving/loading ALL RAM DATA at ECR.

Target SD Card : SD CARD producted by “SanDisk”
(Memory size : 256MB to 2GB)

Note: This model dose not support the SD CARD which can be inserted to the card slot of ECR by using any adapters.
(“Mini SD”, “Micro SD”...)

> General attention to use SD CARD :
> If AC POWER is removed or turned off whenECR is accessing the SD CARD,the contents in SD CARD may be corrupted.

List of the data on SD Card:

Kinds of data	Purpose	Direction of data
All RAM Data	DATA BACKUP	ECR --> (SD) ECR <-- (SD)
Programming Data	For using on PC	ECR --- (SD) -->PC ECR <-- (SD) --- PC
Sales Data (Daily and Term)	For using on PC	ECR --- (SD) -->PC
EJ Data	For using on PC	ECR --- (SD) -->PC
T - LOG Data	For using on PC	ECR --- (SD) -->PC

1. MENU LIST

- MODE
  - 1 - 8
  - 9 SD CRAD MODE (∗1)
    - SAVING
      - SAVE ONLY
        - SALES DATA
        - EJ DATA
        - T- LOG DATA
        - PROGRAMMING DATA
      - SAVE & CLEAR
        - EJ DATA
        - T- LOG DATA
    - LOADING
      - PROGRAMMING DATA
    - FOLDER CONTROL
      - FOLDER CODE
      - FOLDER CREATE
    - FORMATTING
  - SRV MODE
    - 1 - 6
    - 7 SD CARD MODE
      - SAVING
        - SAVE ONLY
          - SALES DATA
          - EJ DATA
          - T- LOG DATA
          - PROGRAMMING DATA
          - ALL RAM DATA
        - SAVE & CLEAR
          - EJ DATA
          - T- LOG DATA
      - LOADING
        - PROGRAMMING DATA
        - ALL RAM DATA
      - FOLDER CONTROL
        - FOLDER NAME
        - FOLDER CREATE
      - FOLDER READING (∗2)
      - FORMATTING

(∗1) PGM2-SETTING-PERSONNEL-CLERK-SD CARD MODE : ENABLE/DISABLE

(∗2) Only 100 folder is displayed.

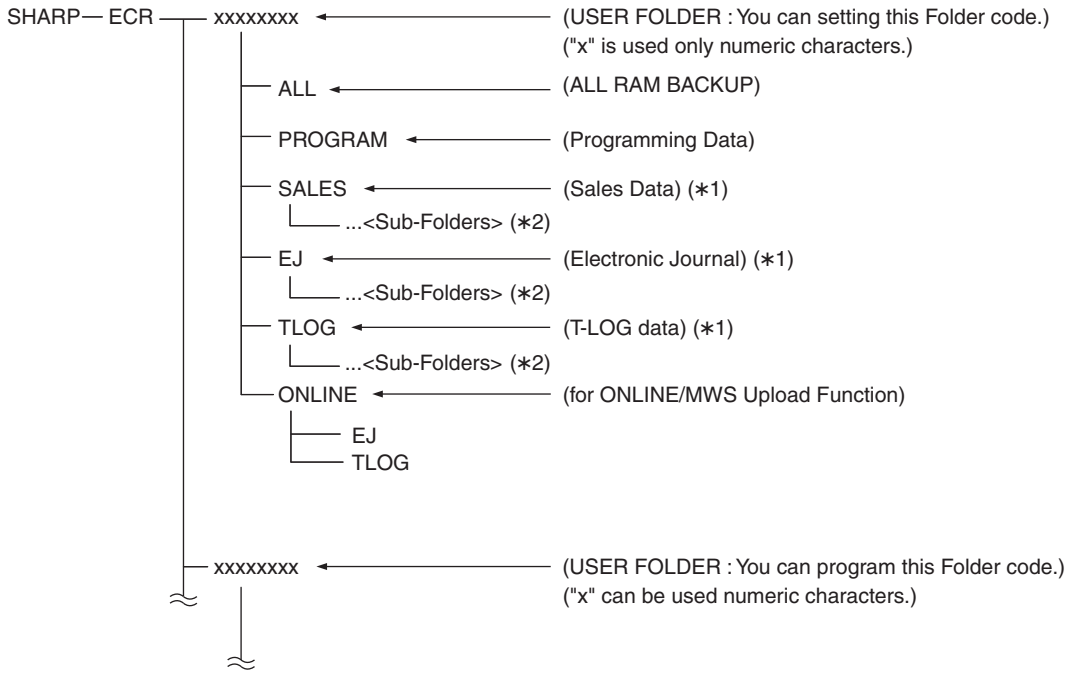
2. FILE LIST ON SD CARD

The data is saved in SD card as the files that have the two following kinds.

∗.FDS
∗.SDA, ∗.002,∗.003,∗.004 [“∗” is a same name for each file.]

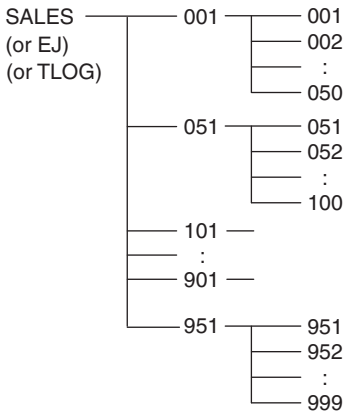
And, the “∗.REC” files are created to control the files in SD card.
These files are used only for the “SD CARD FUNCTION” of this model. (They cannot be used for any function except the “SD CARD FUNCTION”.)

3. LIST OF FOLDER



(∗1) New SUB-Folders are created in this folder when the data writing job is operated.

(∗2) <Sub-Folders> : The sub folders of each folder (SALES/EJ/TLOG) are shown below.



4. SALES DATA (SAVING) (PGM2 & SRV MODE)

All sales data (Daily and term) are saved in SD card.
Maximum 999 times data is kept in SD Card when the SD memory is not full.

The action is as below.

1) After reading the information of the current sub-folder from "SRECORD.REC" file, ECR creates the new sub-folder under the folder for "Sales Data".
   Its folder is named ASCII Character that is indicated the number of sales data in SD Card.
   (Example: "001", "002", "003",.....)

2) Save the below data in new sub-folder that is created by previous step.

		FileName (8digits)	File/Table No.(∗1)	Field (∗1)
1	Date,Time	MTIMTBL	D0	Table
2	Dept file	DEPT	01	01D00000 (Label, Daily, Term, Save daily, Consol)
3	Dept file	DEPTPRS	01	B0000000 (Label, Preset, Price, Text)
4	Dept Discount file	DISCSAL	02	01D00000 (Label, Daily, Term, Save daily, Consol)
5	PLU/UPC file	PLU	11	01D001D001D001D001D (Label, Daily, Term, Save daily, consol, Combo Daily, Combo Term, Combo Save Daily, Combo consol, Waste Daily, Waste Term, Waste Save Daily, Waste consol, Refund Daily, Refund Term, Refund Save Daily, Refund consol, Coupon Daily, Coupon Term, Coupon Save Daily, Coupon consol)
6	PLU/UPC file	PLUPRS	11	B0000000 (Label, Preset, Price, Text)
7	Transaction file	TRANS	31	81D00000 (Label, Daily, Term, Save daily, Consol)
8	Dynamic UPC file	DUPC	32	01D0000001D001D001D (Label, Daily, Term, Save Daily, consol, Waste Daily, Waste Term, Waste Save Daily, Waste consol, Refund Daily, Refund Term, Refund Save Daily, Refund consol, Coupon Daily, Coupon Term, Coupon Save Daily, Coupon consol)
9	Dynamic UPC file	DUPCPRS	32	B0000000 (Label, Preset, Price, Text)
10	Server preset file	CLKDATA	51	90000000 (Label, Preset, Text)
11	Server Transaction file	CLKSAL	52	81D00000 (Label, Daily, Term, Save daily, Consol)
12	Total Server Transaction file	CLKSALTL	54	81000000 (Label, Daily)
13	Hourly file	HOURLY	61	81500000 (Label, Daily, Save daily, Consol)
14	Daily Net file	DNET	71	81000000 (Label, Sales)
15	Daily net Consol. file	DNETCS	79	80100000 (Label, Sales)
16	Acct bal offline	ACTBAL	7F	80000000 (Sales)
17	T-log file	TLOG	88	80000000 (Label, Data)
18	GLU file	GLU	91	80000000 (Label, Data)
19	Closed GLU file	CGLU	92	C0000000 (Label, Data, Amount)
20	Function Text	FUNCTXT	A2	80000000 (Label, Text)
21	Capture Job Sales File	CPTSALE	A9	80000000 (Label, Data)
22	Customer Sales File	CSTSALE	AF	80000000 (Label, Data)
23	Current GT	CURTGT	C4	Table
24	Consol. GT	CNSLGT	C6	Table
25	Current Z Counter	CURTZ	C8	Table

3) Create the “STATUS.REC” file in new sub-folder when all files are saved completely.

	File Name
Status information	STATUS . REC

4) Update the “SRECORD.REC” file for changing the structure of sub-folder.

	File Name
Record structure	SRECORD. REC

(∗1) The contents of each file are same as the communication data of “ONLINE FUNCTION”.
Details of “File No.” and “Table No.” are described in “ONLINE SPECIFICATION”.

Note: Each files are used only for the software on PC.

5. EJDATA(SAVING)(PGM2&SRVMODE)

Electronic journal data is saved in SD card.
Maximum 999 times data is kept in SD Card when the SD memory is not full.

Note: In case of “SAVE & CLEAR”, after saving EJ data to SD card, the EJ data in ECR is eresed.

The action is as below.

1) After reading the information of the current sub-folder in “SRECORD.REC” file, ECR creates the new sub-folder under the folder for “Electronic Journal”.
Its folder is named ASCII Character that is indicated the number of sales data in SD Card.
(Example: “001”, “002”, “003”,.....)

2) Save the below data in new sub-folder that is created above step.

	File Name	File/Table No. (∗1)	Field (∗1)
EJ Data	EJFILE .FDS EJFILE .SDA	A0	

3) Create the “STATUS.REC” file in new sub-folder when all files are saved completely.

	File Name
Status information	STATUS . REC

4) Update the “SRECORD.REC” file for changing the structure of sub-folder.

	File Name
Record structure	SRECORD.REC

5) In case of “SAVE & CLEAR” job, after saving EJ data to SD card, the EJ data in ECR is eresed.
(If “READ” is written in “STATUS.REC” file, current EJ file in SD card is deleted and new EJ file is created. (∗2)
In the other cases, new EJ records are added to current EJ file data in SD card.)

	File Name	File/Table No. (∗1)	Field (∗1)
EJ Data	EJFILE .FDS EJFILE .SDA	A0	

6) In case of “SAVE & CLEAR” job, Create (or Update) the “STATUS.REC” file in the folder for “EJ for ONINE” when all files are saved completely.

	File Name
Status information	STATUS.REC

7) In case of “SAVE & CLEAR” job, after saving EJ data to SD card, the EJ data in ECR is eresed.

(∗1) The contents of each file are same as the communication data of “ONLINE FUNCTION”.
Details of “File No.”, “Table No.” and “Field” are described in “ONLINE SPECIFICATION”.

(∗2) “READ” is written by ONLINE JOB “UPLOAD EJ DATA from SD CARD”.

Note:

- If the folder for “Electronic Journal” does not exist in SD memory card, error will result.
[“NO FOLDER” ERROR]
- If the folder for “EJ for ONLINE” does not exist in SD memory card, error will result.
[“NO FOLDER” ERROR]
- SRV#988_B : Control Character is converted to SPACE when EJ data is saved in SD card

  YES/NO = 2/0

  Control Character : 0x00 - 0x1F, 0xFE, 0xFF
  Space Character : 0x20

6. T-LOG DATA (SAVING) (PGM2 & SRV MODE)

T-LOG data is saved in SD card.

Maximum 999 times data is kept in SD Card when the SD memory is not full.

Note: In case of “SAVE & CLEAR”, after saving T-LOG data to SD card, the T-LOG data in ECR is eresed.

The action is as below.

1) After reading the information of the current sub-folder in “SRECORD.REC” file, ECR creates the new sub-folder under the folder for “T-LOG data”.
Its folder is named ASCII Character that is indicated the number of sales data in SD Card.
(Example : “001”, “002”, “003”,.....)

2) Save the below data in new sub-folder that is created above step.

	File Name	File/Table No. (∗1)	Field (∗1)
T-LOG Data	TLOGFILE. FDS TLOGFILE. SDA	88	

3) Create the “STATUS.REC” file in new sub-folder when all files are saved completely.

	File Name
Status information	STATUS . REC

4) Update the “SRECORD.REC” file for changing the structure of sub-folder.

	File Name
Record structure	SRECORD. REC

5) In case of “SAVE & CLEAR” job, after saving T-LOG data to SD card the T-LOG data in ECR is erased.
(If “READ” is written in “STATUS.REC” file, current T-LOG file in SD card is deleted and new T-LOG file is created. (∗2)
In the other cases, new T-LOG records are added to current T-LOG file data in SD card.)

	File Name	File/Table No. (∗1)	Field (∗1)
T-LOG Data	TLOGFILE. FDS TLOGFILE. SDA	88	

6) In case of “SAVE & CLEAR” job, Create (or Update) the “STATUS.REC” file in the folder for “T-LOG for ONLINE” when all files are saved completely.

	File Name
Status information	STATUS . REC

7) In case of “SAVE & CLEAR” job, after saving T-LOG data to SD card the T-LOG data in ECR is erased.

(∗1) The contents of each file are same as the communication data of “ONLINE FUNCTION”.
Details of “File No.” and “Table No.” are described in “ONLINE SPECIFICATION”.

(∗2) “READ” is written by ONLINE JOB “UPLOAD T-LOG DATA from SD CARD”.

Note:

- If the folder for “T-LOG Data” does not exist in SD memory card, this job is inhibited.
  [“NO FOLDER” ERROR]
- If the folder for “T-LOG for ONLINE” does not exist in SD memory card, this job is inhibited.
  [“NO FOLDER” ERROR]

7. PROGRAMMING DATA (SAVING / LOADING) (PGM2 & SRV MODE)

		FileName	File/Table No.(∗1)	Save Field (∗1)
1	Dept file	DEPTDT	01	B0000000 (Label, Preset, Price, Text)
2	PLU/UPC file	PLUDT	11	F00010001 (Label, Preset, Flag, Price, Text, Key Text, KP Text)
3	Link PLU file	LNKPLUDT	12	80000000 (Label, Preset)
4	Condiment PLU file	CONDMDT	14	C0000000 (Label, Preset, Text)
5	Mix & Match table file	PROMDT	15	90000000 (Label, Preset, Text)
6	Dynamic UPC file	DUPCDT	32	B00010001 (Label, Preset, Price, Text, Key Text, KP Text)
7	PLU/UPC PGM Pick up file	PKUPPDT	34	80000000 (Label)
8	PLU/UPC X/Z Pick up file	PKUPXDT	36	80000000 (Label)
9	Dynamic UPC X/Z Pick up file	DPKUPXDT	37	80000000 (Label)
10	Server preset file	CLKDT	51	90000000 (Label, Preset, Text)
11	Manager preset file	MGRDT	5A	80000000 (Label, Preset)
12	Scroll Message for Pole Display	SMSGPLDT	7B	80000000 (Label, Message)
13	Logo Text	LOGODT	A1	80000000 (Label, Text)
14	Function Text	FUNCDT	A2	80000000 (Label, Text)
15	Dept Group Text	DEPTGPDT	A3	80000000 (Label, Text)
16	Sort Group Text	SGROUPDT	A4	80000000 (Label, Text)
17	Currency Descriptor Text File	CDSCRPDT	A6	80000000 (Label, Text)
18	Capture Key File	CPTKEYDT	A7	90000000 (Label, Preset, Text)
19	Capture Job Preset File	CPTJOBDT	A8	90000000 (Label, Preset, Text)
20	VP Text	VPTXTDT	AA	80000000 (Label, Text)
21	PLU Menu File	PLMNKYDT	AB	D0000000 (Label, Preset1, Preset2, Text)
22	Combo File	CMBMLDT	AC	900000001 (Label, Preset, Text, Key Text, KP Text)
23	Customer File	CUSTMDT	AE	90000000 (Label, Preset, Text)
24	Macro Key Table File	MACRODT	B0	80000000 (Label, Preset)
25	KP Preset File	KPPRESDT	B1	90000000 (Label, Preset, Text)
26	Direct Key table	DIRKEYDT	B3	80000000 (Label, Preset)
27	Scale table	SCLKEYDT	B4	80000000 (Label, Preset)
28	Auto Key Table	AUTKEYDT	B5	80000000 (Label, Preset)
29	Stack report table	STCRPTDT	B6	80000000 (Label, Preset)
30	Message File	MSGDT	BA	90000000 (Label, Preset, Text)
31	Positive Number Preset	POSITIDT	BB	80000000 (Label, Preset)

		FileName	File/Table No.(∗1)	Save Field (∗1)
32	Negative Number Preset	NEGATDT	BF	80000000 (Label, Preset)
33	SRV Parameter	SRVPGMTB	C1	Table
34	Mode Secret Code	MDSCRTTB	C2	Table
35	Free Key Table	FREKEYTB	C3	Table
36	Key Attribute Table	KEYATRTB	CE	Table
37	Optional Feature	OPTFERTB	D1	Table
38	Tax Table	TAXTB	D6	Table
39	Tax Q'ty Table	TAXQTYTB	D7	Table
40	Function Preset	FUNCTB	D8	Table
41	Scanner Preset	SCANTB	DA	Table
42	Maintenance Restriction	MRESTTB	E1	Table
43	Non PLU Code Format	NPLUTB	E8	Table
44	GLU Table	GLUTBLTB	E9	Table
45	Job Secret Code	JBSCRTTB	EC	Table
46	Inline preset	INLINETB	F0	Table
47	CAT Preset	CATTB	F2	Table
48	Logical Device	LOGDEVTB	F7	Table
49	Home function menu	HMFNCTB	E0	Table
50	Money	MONEYTB	E2	Table

(∗1) The contents of each file are same as the communication data of "ONLINE FUNCTION". Details of "File No." and "Table No." are described in "ONLINE SPECIFICATION".
All data are converted to use at PC.

Note:

- If the folder for "Programming Data" dose not exist in SD memory card, this job is inhibited. ["NO FOLDER" ERROR]
- If there is data of the same file name, data is overwritten.
- Each files are used only for the software on PC.

8. FORMATTING

This job formats SD card. (It deletes all data on SD card.)
After formatting card, the folder \SHARP\ECR is made at a root directory.

Note: All the data currently written in SD card is erased.

9. FOLDER NAME

This job programs the Folder Name on SD card.
xxxxxxxx (8 digits Characters*)

∗0 - 9, A - Z (Capital letter) !#$%&'()-_^`{}~@)

10.FOLDER CREATE

- \xxxxxxxx is made at a folder "\SHARP\ECR".
- \ALL, \PROGRAM, \SALES, \EJ, \TLOG and \ONLINE are made at the folder "\SHARP\ECR\xxxxxxxx".
- \EJ and \TLOG are made at the folder "\SHARP\ECR\xxxxxxxx\ONLINE".
- The file "MODEL.REC" is made at the folder "\SHARP\ECR\xxxxxxxx\SALES",
- The file "SRECORD.REC" "\SHARP\ECR\xxxxxxxx\EJ" and "\SHARP\ECR\xxxxxxxx\TLOG".

Note: The file "SRECORD.REC" and "MODEL.REC" are used for control the structure under each folder. Any users do not need to concern its contents.

11.ALL RAM DATA (SAVING / LOADING) (SRV MODE)

The below data is saved or loaded. File is set in the folder for "ALL RAM BACKUP".

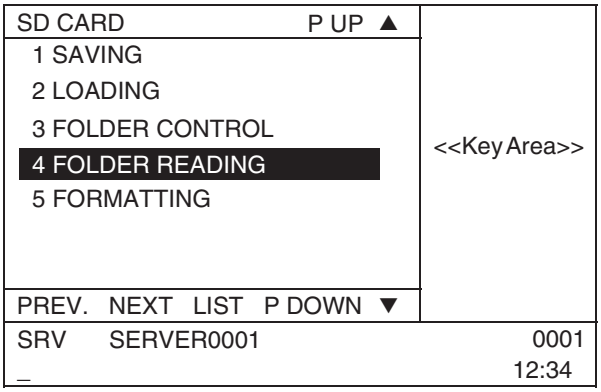
	File Name
All RAM data	ALL . SDA

Note:

- When you selected loading All RAM data, you have to service reset.
- If there is the file that has same file name, data is overwritten .
- In case of "LOADING", the condition of ECR will return to past condition except Date & Time.
- This file is used only for the purpose of DATA BACKUP at ECR. Any users do not need to concern its contents.

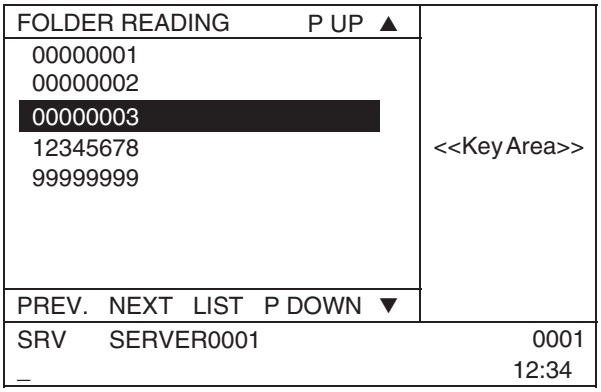
12.FOLDER READING

SD in the folder screen to list of display.

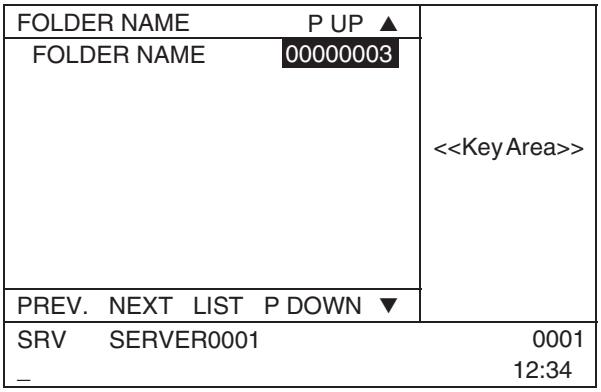


"4 FOLDER READING" is selected.

SD in the folder code display.

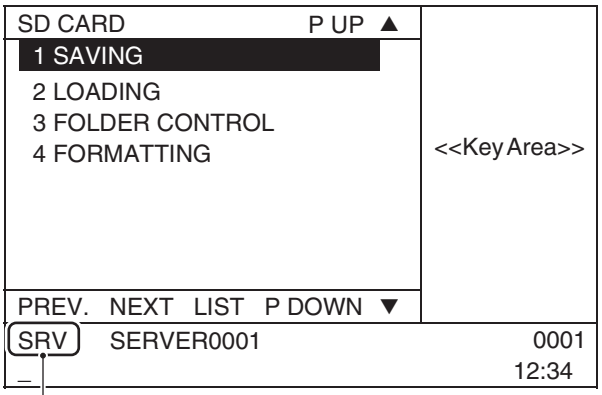


Folder code is selected.



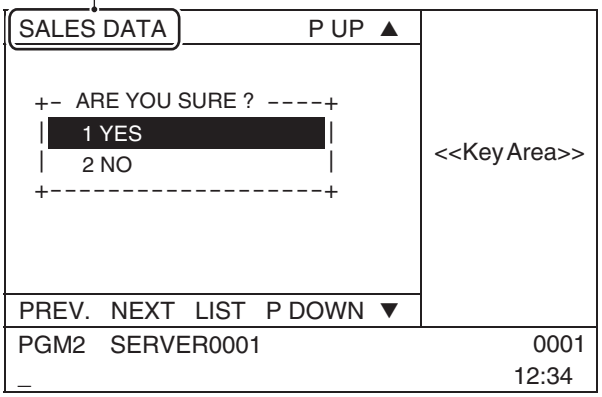
The selected code on the display.
The code will be able to set.

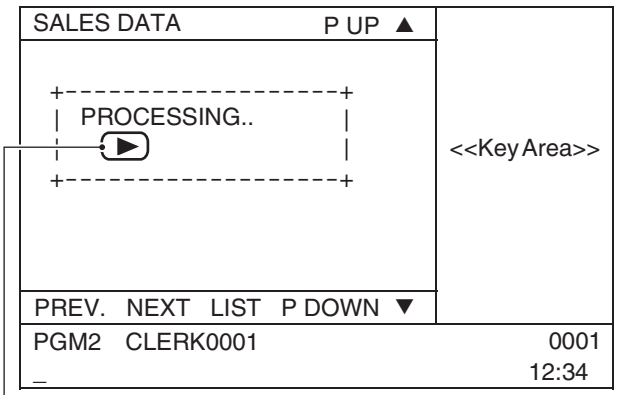
13.DISPLAY



MODE TITLE : SRV or PGM2

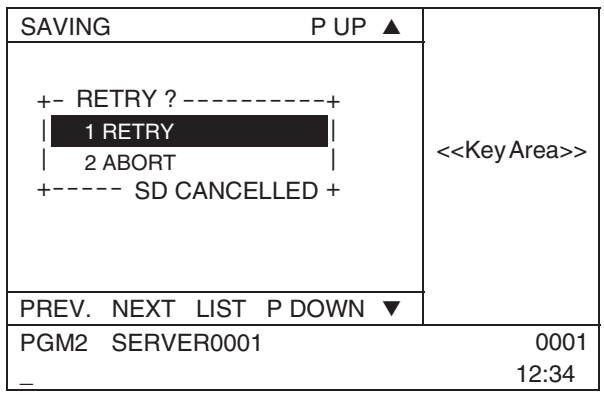
JOB NAME





▶ : moves.

ERROR MESSAGE



Customer Display is not changed.

14.PRINT

The message is printed on JOURNAL only

Print	NOTE
(HEADER) **FORMATTING** SD FINAL	JOB TITLE is printed. MESSAGE is printed. (This is Normal End Message.)
(HEADER) **FOLDER CODE** FOLDER NAME 00000001	
(HEADER) **FOLDER CREATE** SD FINAL	
(HEADER) **SAVE SALES** SD FINAL	
(HEADER) **SAVE EJ** SD FINAL	
(HEADER) **SAVE T-LOG** SD FINAL	
(HEADER) **SAVE PROGRAM** SD FINAL	
(HEADER) **SAVE ALL RAM** SD FINAL	
(HEADER) **SV & CL EJ** SD FINAL	
(HEADER) **SV & CL T-LOG** SD FINAL	
(HEADER) **LOADING PROGRAM** SD FINAL	
(HEADER) **LOADING ALL RAM** SD FINAL	
CARD FULL	ERROR MESSAGE
NO FILE	ERROR MESSAGE
FILE FAILED	ERROR MESSAGE
OVER LIMIT.	ERROR MESSAGE
SD CANCELED	ERROR MESSAGE
POWER OFF	ERROR MESSAGE
NO FOLDER	ERROR MESSAGE
SD ERROR	ERROR MESSAGE
MODEL INVALID	ERROR MESSAGE
CARD PROTECT	ERROR MESSAGE

The MESSAGEs are fixed in ROM.

15.ERROR MESSAGE LIST

No.	Description	MESSAGE	DISPLAY	PRINT
1	SD JOB Normal End	SD FINAL	—	O
2	SD card is not found	NO CARD	O	—
3	SD card memory is full	CARD FULL	O	O
4	No file exist	NO FILE	O	O
5	File access error (Write protect, or)	FILE FAILED	O	O
6	999 times limitation error (SALES, EJ, T-LOG)	OVER LIMIT.	O	O
7	Operation was canceled by [CANCEL] key	SD CANCELED	O	O
8	Power off was occurred during SD card access	POWER OFF	O	O
9	Designated folder does not exist	NO FOLDER	O	O
10	Model is invalid	MODEL INVALID	O	O
11	Card Protect Error	CARD PROTECT	O	O
12	SD CARD ERROR (Error except above 2 - 11 ERROR was occurred) (Folder can not be made) (File close can not be executed) (File can not be read) (File can not be written) (File can not be deleted) (SD card memory can not be mounted) (SD card memory can not be unmounted) (SD job execution during ONLINE/MWS communication)	SD ERROR	O	O

(O : Used, — : Not used)

SHARP

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